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OFFICE OF THE FEDERAL REGISTER  
WASHINGTON, D.C.



CTFA  
Cosmetic  
Ingredient  
Dictionary

Second Edition

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TO

*. . . the world's consumers, as a continuing expression  
of the Cosmetic Industry's appreciation of consumer  
needs and desires.*

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# SECTION ONE

## Foreword

This book is the latest in a series of efforts by The Cosmetic, Toiletry and Fragrance Association, Inc. to provide information on cosmetic ingredients for the cosmetic industry, the government, the medical profession, and the consuming public.

The Association, which was organized in 1894, was known from 1935 until 1971 as the Toilet Goods Association, Inc. The interest of the Association's members in the identity of cosmetic ingredients dates back nearly 40 years.

Under the initial leadership of Stephen Mayham, nine cosmetic ingredient standards had been developed when Harold Dewitt Goulden joined the Association's staff as its Scientific Director in 1942. At that time the Association accelerated its program to develop standards for cosmetic ingredients. This resulted eventually in the publication of standards for nearly 100 ingredients.

In the early 1950's another significant step was taken when the Association sponsored a review of the literature on cosmetic materials through a grant to the Laboratory of Applied Physiology, Yale University. The Association's efforts, through Stephen Mayham and Harold Goulden, culminated in the publication of the "Handbook of Cosmetic Materials", by Leon A. Greenberg, Ph.D., and David Lester, Ph.D., in 1954.

In 1967, Mr. Goulden was very persuasive in his suggestions that not enough was yet known about ingredients currently in use by the industry in its products.

Shortly afterwards, Norman F. Estrin, Ph.D., joined the Association as Assistant Director of Science as an understudy to Mr. Goulden.

Events moved rapidly and a stepped-up, far-reaching program was initiated by the Standards Committee and its newly-appointed Cosmetic Ingredient Description Subcommittee. This program resulted in the publication

(in 1971) of complete revisions and modernized standards for nearly 100 cosmetic ingredients and complete descriptions (in 1972) for nearly 500 additional ingredients available for use in cosmetic products.

Concurrent with the development of the Standards and Descriptions, a survey was initiated by the Association to generate a comprehensive list of cosmetic ingredients. Twenty companies responded by providing complete ingredient lists to an independent laboratory which then compiled a master list from those submissions.

The master list, complete with both chemical and trade names and Chemical Abstracts Service Registry (CAS) numbers (when known), was then submitted to all CTFA members and each was asked to review and indicate ingredients currently in use in formulations. In addition, each company was asked to submit names and/or identifications for other ingredients which might be in use but which were not included on the original master list.

A second master list was developed as a result of industry's cooperation, enabling the start of work to develop a unified system for naming and describing cosmetic ingredients. The survey responses, as well as further submissions, were essential to the development of this Dictionary.

Almost all of the extensive research into naming systems currently in use which resulted in the development of a unified approach for cosmetic ingredients was performed by James M. Akerson (Gillette Medical Evaluation Laboratories), who laid the groundwork for the development of this Dictionary.

In August 1972, the CTFA's Cosmetic Ingredient Nomenclature Committee, under the Chairmanship of Mr. Akerson, undertook the task of writing the initial draft of the Dictionary. Its efforts culminated in publication of the October 13, 1972 draft which consisted of an

alphabetical listing of Chemical Trade Names, with the corresponding CTFA Adopted Name. That draft formed the basis for Section VI of the present volume.

The first edition of the CTFA Cosmetic Ingredient Dictionary, published in 1973, included over 5,000 trade and chemical names cross-referenced with CTFA adopted names. Monographs included definitions, chemical structures, Chemical Abstracts Service (CAS) Registry numbers, information sources and a list of ingredient suppliers. Since publication of the first edition in 1973, that edition of the dictionary has been recognized officially as the controlling compendium to be used by manufacturers preparing ingredient labels for their products and has aided manufacturers in disclosing product formulations to the government.

CTFA members of the Committee are Gordon Hewitt, Ph.D. (Colgate-Palmolive Company), Emanuel Kroll, (International Playtex Corporation), Griffin Shay (Avon Products, Inc.), and Richard Schnetzinger (Revlon, Inc.). In addition, Joseph B. Jerome, Ph.D. (American Medical Association), John Wenninger (U.S. Food and Drug Administration), and Earl L. Richardson, Ph.D. (U.S. Food and Drug Administration) actively participated in and contributed materially to the development of this Dictionary. Their many constructive suggestions, although unofficial, were essential to making this Dictionary a reality.

Recognition is also given to Percy Fainer (Clairol, Inc.) who was a member of the Cosmetic Ingredient

Nomenclature Committee during preparation of the 1973 edition.

The Dictionary is the result of the tireless efforts and outstanding dedication of these scientists who constitute the Editorial Advisory Board. Consumers, government and industry alike owe their gratitude to this Board, as well as to the companies and agencies in which these scientists serve, for their outstanding contribution in the ultimate production of this comprehensive CTFA Cosmetic Ingredient Dictionary.

Appreciation is also expressed to Anne McCann and Raymond L. Decker, Jr., (U.S. Food and Drug Administration), for their assistance in locating Registry numbers.

We acknowledge the dedication of Norman F. Estrin, Ph.D., CTFA Vice President-Science, Anita Curry, Research Associate, Josephine P. Ferguson, Information Scientist, and William C. Coale, Information Science Assistant, whose enthusiasm and guidance resulted in preparation of this text.

The work of the Editorial Advisory Board is continuing. The Board is actively reviewing new information in order to prepare supplements to the present edition.

Washington, D.C.  
April 13, 1976

James H. Merritt  
President, CTFA



# SECTION TWO

# Preface

This CTFA Cosmetic Ingredient Dictionary is designed to recommend uniform nomenclature for ingredients available for use by the cosmetic industry.

This Dictionary provides cosmetic ingredient information valuable to the consumer, the medical profession and the cosmetic industry. It consists of an alphabetical compilation of CTFA Adopted Names, providing definitions, structures, registry numbers, sources of information and related chemical and/or trade names. A second section provides an alphabetical listing of Chemical/Trade Names with their corresponding CTFA Adopted Names. This section is intended to help cosmetic manufacturers in their labeling and formula disclosure efforts. Another section is a listing by supplier of trade name ingredients identified in this Dictionary. Inclusion of a supplier's name does not constitute an endorsement; absence of a supplier's name is unintentional and similarly in no way constitutes a lack of endorsement. Several new sections have been included in this edition of the Dictionary. One of these consists of a numerical listing of registry numbers included for general reference. The second new section is a listing of Cosmetic Raw Material Composition Statement Numbers provided by the Food and Drug Administration.

This compendium is a dynamic document. It will undergo periodic review to reflect current nomenclature usage and to attempt comprehensive coverage of ingredients available for use.

This nomenclature does not include or imply standards or grades of purity. The CTFA Adopted Names have been proposed according to the basic structure or composition of the ingredient.

The assigning of the same CTFA Adopted Name to a group of chemical and/or trade names does not, and is

not meant to, imply strict chemical equality or interchangeability of ingredients. Inclusion of the name of an ingredient in the Dictionary does not imply that it is or should be used by the cosmetic industry; absence of an ingredient from the Dictionary does not mean that it is not or should not be used.

The Cosmetic Ingredient Nomenclature Committee will consider for inclusion in supplements to this Dictionary any ingredient being used by or promoted for use by the cosmetic industry. Manufacturers of cosmetics or suppliers of raw materials are encouraged to submit to the Committee, descriptions of these ingredients, including full chemical specifications and structures, along with evidence of present usage or promotion to the cosmetic industry.

The CTFA Cosmetic Ingredient Nomenclature Committee hopes that you will find this Dictionary of value and stands ready to be of service in the future. Your comments and suggestions, as well as information concerning these and additional ingredients, may be sent to:

The CTFA Cosmetic Ingredient Nomenclature  
Committee  
c/o The Cosmetic, Toiletry and Fragrance  
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1133 15th Street, N.W.  
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James M. Akerson  
*CTFA Chairman, Cosmetic Ingredient  
Nomenclature Committee*

Rockville, Maryland  
March 1, 1976



# SECTION THREE

# Introduction

## A. Nomenclature Rules

This Dictionary incorporates nomenclature derived from a variety of sources including The United States Pharmacopeia, The National Formulary, Food Chemical Codex, the Merck Index, Code of Federal Regulations, United States Adopted Names and The Colour Index. Since cosmetics are distinct from foods and drugs, certain modifications in nomenclature are necessary to develop a unified approach for naming cosmetic ingredients.

The general criteria used in devising this system of unified names are as follows:

1. Specific names used in USP XIX, NF XIV and Food Chemical Codex II are retained in most cases.
2. Simple chemical names are used whenever possible.
3. Recognized chemical abbreviations are used where applicable. (A list of the abbreviations used in this text appears in Section III B).
4. Traditional stem names are retained as combining forms when consistent with other systems.
5. USAN abbreviations and criteria are utilized for simplifying nomenclature of families of complex ingredients when applicable.
6. Compounds that are related or similar to materials described in recognized sources are named, whenever possible, by analogy to the listed names.
7. The nomenclature for ingredients consisting of mixtures of similar materials (for example, fatty acids) is determined on the basis of the chemical identity of the raw material as purchased. Mixtures that reflect the original distribution of components due to their natural source (for example, coconut) are named utilizing the source stem. If the original natural distribution has been significantly cut or enriched, the mixture is named on the basis of the predominant component.
8. Compounded mixtures created by combining several materials are named by listing each ingredient present in decreasing order of predominance.
9. Singly substituted derivatives do not usually include the prefix "mono". This term is only used when required to prevent ambiguity.
10. Multiple substitution is routinely described with the appropriate prefix, such as "di", "tri" or "tetra".
11. Alkoxyated materials are named by including the alkoxylation level as the average number of moles of ethylene oxide and/or propylene oxide. Ethoxylates, which are commonly expressed by an approximate molecular weight, are converted to the number of moles by the following table:

### *Ethoxylation*

Approximate molecular weight	Average number of moles
100	2
200	4
300	6
400	8
450	9
600	12
1000	20
1500	6-32
1540	32

1800	36
2000	40
4000	75
6000	150

The ethoxylation value for an average molecular weight of 1500 is expressed as 6-32 since most compounds with this designation are mixtures of the 300 and 1540 materials.

12. Ethoxylated alcohols are named by completing the conventional alcoholic stem with “-eth” followed by the average number of moles of ethylene oxide.
13. The polyethylene glycol fraction of all other ethoxylated compounds, that are not named by Rules 5 or 12, is abbreviated “PEG.” This combining form is followed by the average number of moles of ethylene oxide.
14. Names of ingredients, other than colors, that contain terminal numbers are generally hyphenated. Derivatives of hyphenated materials retain the original hyphen.
15. Straight chain alkyl groups are described by their common stem names.
16. Branched chain alkyl groups are usually described by the prefix “iso” followed by the common stem name for the comparable straight chain group. The major exception to this rule is the use of the term “octyl” to represent “2-ethylhexyl”. The term “octyl” has been retained due to its widespread usage. Straight chain eight carbon groups are usually named with the appropriate stem derived from caprylic acid.
17. Alkanolamides are named by the specific alkyl amide stem and the appropriate abbreviation “MEA”, “DEA”, etc.
18. Names of lanolin derivatives usually contain the stem “lan”.
19. Hydration states are not usually expressed.
20. The dimethyl term is omitted and assumed in all alkyl dimethyl amine oxide names. (Ex. Stearamine Oxide). Tertiary amine oxides with different substituent groups are named completely. (Ex. Dihydroxyethyl Stearamine Oxide).
21. The term “Acrylate(s)” is used to describe the copolymers that contain combinations of acrylic acid, methacrylic acid and their simple esters. Similarly, the term “Crotonate(s)” is used to describe the copolymers that contain combinations of crotonic acid and its simple esters.
22. Color additives are included in this Dictionary and are named in compliance with Title 21 of the Code of Federal Regulations (21CFR). The CTFA Adopted Names, utilizing FD&C, D&C and Ext. D&C color nomenclature, imply equivalency to Chemical/Trade Names in Section V only when the colors have been certified according to United States certification regulations. Manufacturers using these color additives should consult 21 CFR

and the Federal Register for possible restrictions and permitted uses.

23. Commercially available lakes of FD&C, D&C and Ext. D&C colors are also listed in the Dictionary. These lakes are named in compliance with 21 CFR 9.100, 9.280 and 9.440.
24. Oxidative hair coloring intermediates are named as described in 21 CFR, if listed. Those intermediates not listed in 21 CFR are named as listed in The Colour Index. Those intermediates not appearing in either 21 CFR or The Colour Index are named by reference to their chemical structure.
25. Pre-formed hair colors are named as described in 21 CFR, if listed. Those pre-formed hair colors not listed in 21 CFR are named as listed in The Colour Index. Those pre-formed hair colors not appearing in either 21 CFR or The Colour Index are assigned an arbitrary color/number designation, prefixed by the letters HC. These HC Adopted Names are temporary until such time as these ingredients are listed and named by The Colour Index.
26. Name/number combinations are used as CTFA Adopted Names for cosmetic ingredients only where the complexity and/or similarity of ingredients preclude assignment of nomenclature by other means. In all cases where arbitrary numbers are used, these numbers are preceded by names suggestive of the structure or type of material. Each name/number combination represents a specific ingredient that is identified in Part V of this Dictionary. The following name/number series of combinations have been used:
  - a. Amphoteric  
This term is used for amphoteric materials with complex structures that cannot be named directly or by analogy. (Ex. Amphoteric-1).
  - b. Benzophenone  
This term is used for all benzophenone derivatives. (Ex. Benzophenone 2).
  - c. Chlorofluorocarbon/Hydrofluorocarbon/  
Hydrochlorofluorocarbon  
These terms are used for halocarbon aerosol propellants. (Ex. Chlorofluorocarbon 114, Hydrofluorocarbon 152A, Hydrochlorofluorocarbon 142B.)
  - d. HC Color  
See Rule 25.
  - e. Quaternium  
This term is used to describe quaternary ammonium salts which do not have a common name or which cannot be named by analogy to established names. (Ex. Quaternium-5).
27. Quaternary ammonium salts have the suffix “-ium” in the stem of the cation.

28. Extracts are concentrated preparations of biological materials obtained by the separation of the soluble components with one or more of the following solvents:

water  
alcohol  
mineral oil  
isopropyl alcohol  
propylene glycol  
glycerin  
vegetable oil.

Other solvents used to prepare extracts will be specifically identified.

29. In order to facilitate use and clarity, CTFA Adopted Names have been designed to require a minimum of punctuation or capitalization.
30. Wherever new nomenclature has been adopted an effort has been made to use the shortest name consistent with these rules.
31. The Committee reserves the right to provide specific nomenclature in certain cases to make the nomenclature more informative to the consumer.
32. All definitions used in this text are self-consistent.
33. Some monographs do not contain supplier listings. In most cases these ingredients are marketed under their generic chemical names and are not specifically referenced to suppliers. In other instances these materials may be manufactured by one or more firms for the sole use of a manufacturer(s) and therefore may not be available for general sale.
34. Every effort has been made to avoid the use of registered trade marks as CTFA Adopted Names. Any such names called to the attention of the Committee will be corrected in future revisions of this Dictionary.

## B. Abbreviations

The following abbreviations are used alone or as combining forms for the naming of cosmetic ingredients in this Dictionary:

AMP Aminomethyl Propanol  
AMPD Aminomethyl Propanediol  
BHA Butylated Hydroxyanisole  
BHT Butylated Hydroxytoluene  
DEA Diethanolamine  
DIBA Dihydroxyisobutylamine  
DIPA Diisopropanolamine  
DMDM Dimethylol Dimethyl  
DMHF Dimethyl Hydantoin Formaldehyde Resin  
EDTA Ethylene Diamine Tetra Acetic Acid  
HC Hair Color  
HCl Hydrochloride

HEDTA Hydroxyethyl Ethylenediamine Triacetic Acid

MDM Monomethylol Dimethyl

MEA Monoethanolamine

MEK Methyl Ethyl Ketone

MIPA Monoisopropanolamine

NTA Nitrilotriacetic Acid

PABA p-Aminobenzoic Acid

PCA Pyrrolidone Carboxylic Acid

PEG Polyethylene Glycol/Polyoxyethylene

PEI Polyethylenimine

PPG Polypropylene Glycol

PVM/MA Polyvinyl Methyl Ether/Maleic Anhydride

PVP Polyvinylpyrrolidone

SD Specially Denatured

TEA Triethanolamine

TIPA Triisopropanolamine

VA Vinyl Acetate

## C. Registry Numbers

Registry numbers have been included in the monographs for many of the CTFA Adopted Names. These numbers are of value to the cosmetic manufacturers for use in completing their Cosmetic Ingredient Disclosure Forms for submission to the Food and Drug Administration. They are also of great value in computer indexing or searching cosmetic ingredients. The general guidelines for use of CTFA Adopted Names for ingredient disclosure are as follows:

1. When a CTFA Adopted Name, which is not the common, usual or chemical name, is used for ingredient disclosure on FD Form 2512a and 2513a the proper registry number must be inserted on the form along with the CTFA Adopted Name.
2. A CTFA Adopted Name, which is not a common, usual or chemical name and which does not have a valid registry number should not be used for ingredient disclosure on FD Forms 2512a and 2513a unless the trade name of the ingredient and name of supplier is also entered on the form.
3. A CTFA Adopted Name may be used on FD Forms 2512a and 2513a instead of the trade name and supplier's name only in those cases when no significant differences in composition exist between the trade materials to which that CTFA name has been assigned. This decision must be made by the person filing the form, using as a criterion whether or not the trade name materials are essentially interchangeable in the formulation under consideration.
4. When a CTFA Adopted Name is entered on FD Form 2512a or 2513a it should be entered in the space identified as Item 1 (common, usual or chemical name).

5. In accordance with 21 CFR 720.7, the Food and Drug Administration reserves the right to request additional information about any ingredient or formulation submitted, if the person submitting the form has not complied with 21 CFR 720.4 and 720.5.

The following types of registry numbers are found in this Dictionary. Either of these types of numbers may be used for ingredient disclosure to the Food and Drug Administration.

1. *CAS Numbers*—These numbers are assigned by the Chemical Abstracts Service and are invariant numerical identifiers of a given chemical substance.
2. *RD Numbers*—These numbers are Recognized Disclosure Numbers that have been assigned for ingredient disclosure purposes to specific chemical structures not yet found in the CAS system. These numbers are of a temporary nature and will be replaced by conventional CAS numbers as they appear in Chemical Abstracts. Changes in these numbers will be included in future supplements to this Dictionary.

A numerical listing of the Registry Numbers used in this book has been included as Section VIII.

#### D. Information Sources

The following references have been cited as Information Sources in the monographs when details on the specific ingredients were found in these texts. These listings have been included as an information tool. Although an attempt has been made to provide representative coverage, these listings should not be considered complete. Additional information can be obtained from other compendia and from the suppliers of the specific trade named ingredients.

- CTFA Cosmetic, Toiletry and Fragrance Association Cosmetic Ingredient Standards and Cosmetic Ingredient Descriptions. Published by The Cosmetic, Toiletry and Fragrance Association, Inc., 1133 15th Street, N.W., Washington, D.C. 20005.
- ARG Farmacopea Nacional Argentina (Pharmacopoeia of Argentina), 4th Edition, 1956.
- AUS Osterreichisches Arzneibuch (Pharmacopoeia of Austria), 9th Edition, 1960.
- BEL Pharmacopée Belge (Pharmacopoeia of Belgium), 5th Edition, 1962.
- BP British Pharmacopoeia, 1973.
- BP 1968 British Pharmacopoeia, 1968, as amended 1971.
- BP 1963 British Pharmacopoeia, 1963.
- BPC British Pharmaceutical Codex, 1973.
- BPC 1968 British Pharmaceutical Codex, 1968.
- BPC 1963 British Pharmaceutical Codex, 1963.

- BRA Farmacopéia dos Estados Unidos do Brasil (Pharmacopoeia of Brazil), 2nd Edition, 1959.
- CI The Colour Index, 3rd Edition, 1971 and Supplements.
- CZE Československý lékopis, Pharmacopoea Bohemslovenica, Addendum (Pharmacopoeia of Czechoslovakia), 3rd Edition, 1970.
- DA Deutsches Arzneibuch (Pharmacopoeia of Federal Republic of Germany), 7th Edition, 1968.
- DDR Deutsche Arzneibuch, Deutsche Demokratische Republik (Pharmacopoeia of Democratic Republic of Germany), 7th Edition, 1972.
- EEC Draft Directive on Cosmetics, Council of the European Communities, December, 1972.
- EGY Egyptian Pharmacopoeia, 1953 and Addendum, 1962.
- EP European Pharmacopoeia, 1969-1971.
- FCC Food Chemical Codex, 2nd Edition, 1972.
- FI Farmakope Indonesia (Pharmacopoeia of Indonesia), 2nd Edition, 1965.
- FIN Suomen Farmakopea (Pharmacopoeia of Finland), 7th Edition, 1956.
- HP The Homoeopathic Pharmacopoeia of the United States, 7th Edition, Revised, 1964.
- HUN Hungarian Pharmacopoeia, 6th Edition, 1970.
- IND Pharmacopoeia of India, 2nd Edition, 1966.
- ITA Farmacopea Ufficiale della Repubblica Italiana (Pharmacopoeia of Italy), 8th Edition, 1972.
- JC Coal tar colors approved by Japanese Minister of Health and Welfare for use in drugs, quasi-drugs, and cosmetics, as amended December 13, 1972.
- KOR The Pharmacopoeia of Korea, 2nd Edition, 1970.
- M3 Mitteilung 3, Third Report of the Dye-Stuff Commission on Colors for Cosmetics, German Research Association, 1968, Amended 1971.
- MAR Martindale: The Extra Pharmacopoeia, 26th Edition, 1972.
- MEX Farmacopea Nacional de los Estados Unidos Mexicanos (Pharmacopoeia of Mexico), 3rd Edition, 1962.
- MI The Merck Index, 8th Edition, 1968.
- NED Codex Medicamentorum Netherlandicus (Netherlands), 1950.
- NF The National Formulary, 14th Edition, 1975.

- NF XIII The National Formulary, 13th Edition, 1970.
- NF XII The National Formulary, 12th Edition, 1965.
- NF XI The National Formulary, 11th Edition, 1960.
- NF X The National Formulary, 10th Edition, 1955.
- NFJ *Formulae Nationales Japonicae* (National Formulary of Japan), 2nd Edition, 1955.
- PF *Pharmacopoea Gallica* (Pharmacopoeia of France), 7th Edition, 1949.
- PJ *Pharmacopoeia of Japan*, 7th Edition, 1961-62.
- PN *Pharmacopoea Nordica*, 1963.
- POL *Farmakopea Polska, II* (Pharmacopoeia of Poland), 4th Edition, 1970.
- POR *Farmacopeia Portuguesa, Suplemento* (Pharmacopoeia of Portugal), 4th Edition, 1961.
- ROM *Farmacopeea Română* (Pharmacopoeia of Romania), 8th Edition, 1965.
- SNPF *Federation Francaise de l'Industrie des Produits de Parfumerie, de Beauté et de Toilette* (French Dictionary), 1974.
- SWE Colors permitted by Sweden in foods, National Food Administration, 1972.
- USAN United States Adopted Names, Cumulative List, 1975.
- USD The United States Dispensatory and Physician's Pharmacology, 27th Edition, 1973.
- USD 25 The United States Dispensatory and Physician's Pharmacology, 25th Edition, 1955.
- USP The United States Pharmacopeia, 19th Edition, 1975.
- USP XVIII The United States Pharmacopeia, 18th Edition, 1970.
- USSR State Pharmacopoeia of the USSR, Extracts from the 8th Edition, 1952.
- WHO *Pharmacopoea Internationalis* (International Pharmacopoeia), 2nd Edition, World Health Organization, 1967.
- YUG *Pharmacopoea Jugoslavica* (Pharmacopoeia of Yugoslavia), 2nd Edition, 1951.
- 21 CFR Title 21 of the Code of Federal Regulations—Food and Drugs, Revised as of April 1, 1975.
- 27 CFR Title 27 of the Code of Federal Regulations—Internal Revenue, Revised as of April 1, 1975.

## E. Changes and Deletions

The following CTFA Adopted Names have been changed or deleted in the 2nd Edition of the CTFA Cosmetic Ingredient Dictionary.

### *1st Edition*

Acetylated Polyvinyl Alcohol  
 Aluminum Chlorohydrate Complex  
 Ammonium Xylenesulfonate  
 Benzoxyquine  
 Butyl Alcohol  
 Cetyl Stearyl Glycol  
 Chloracetamide  
 p-Chloro-m-Xylenol  
 Cocamido Betaine  
 Copper Versenate  
 Diethylaminoethyl Stearamide  
 Dimethylaminopropyl Oleamide  
 Dimethylaminopropyl Stearamide  
 N,N-Dimethyl-p-Phenylene Diamine  
 Disodium Monolaurethsulfosuccinate  
 Disodium Monolaurylamidossulfosuccinate  
 Disodium Monolaurylsulfosuccinate  
 Ethyl Perseate  
 Food Red 6  
 Gluten  
 Glyceryl Coconate  
 Glycyrrhetic Acid

### *2nd Edition*

Polyvinyl Acetate  
 Aluminum Chlorohydrax  
 Ammonium Xylene Sulfonate  
 Benzoxiquine  
 n-Butyl Alcohol  
 C15-18 Glycol  
 Chloroacetamide  
 Chloroxylenol  
 Cocamidopropyl Betaine  
 Disodium EDTA-Copper  
 Stearamidoethyl Diethylamine  
 Oleamidopropyl Dimethylamine  
 Stearamidopropyl Dimethylamine  
 N,N-Dimethyl-p-Phenylenediamine  
 Disodium Monolaureth Sulfosuccinate  
 Disodium Monolauramidossulfosuccinate  
 Disodium Monolauryl Sulfosuccinate  
 Ethyl Persate  
 HC Red No. 6  
 Wheat Gluten  
 Glyceryl Cocoate  
 Glycyrrhetic Acid

Lauryl Amine  
 Lauryl Pyridinium Chloride  
 Methylene Blue  
 Parsley Oil  
 Phenylephrine  
 Potassium Coco Hydrolyzed Protein  
 PPG Buteth-55  
 PPG Buteth-260  
 PPG Buteth-660  
 PPG Buteth-1000  
 PPG Buteth-2000  
 PPG Buteth-3520  
 PPG Buteth-5100  
 PPG Butyl Ether-200  
 PPG Butyl Ether-300  
 PPG Butyl Ether-385  
 PPG Butyl Ether-1145  
 PPG Butyl Ether-1715  
 Propellant 11  
 Propellant 11S  
 Propellant 12  
 Propellant 114  
 Propellant 142B  
 Propellant 152A  
 Propylene Glycol Dicoconate  
 Quaternium-10  
 Quaternium-13  
 Silicic Acid  
 Sodium Aluminum Chlorhydroxy Lactate  
 Sodium Decylbenzene Sulfonate  
 Sodium Dihydroxyglycinate  
 Sodium Lauroylisethionate  
 Stone Root  
 TEA-Coco Hydrolyzed Protein  
 Thiodipropionic Acid  
 Thioglycerol  
 Trideth-3  
 Trideth-6  
 Trideth-10  
 Trideth-12  
 Vitamin A  
 Vitamin A Acetate  
 Vitamin D  
 Vitamin E  
 Vitamin E Acetate  
 Vitamin E Succinate  
 Whole Dried Egg

Lauramine  
 Laurylpyridinium Chloride  
 Basic Blue 9  
 Parsley Seed Oil  
 Phenylephrine HCl  
 Potassium Coco-Hydrolyzed Animal Protein  
 PPG-2-Buteth-3  
 PPG-7-Buteth-10  
 PPG-12-Buteth-16  
 PPG-15-Buteth-20  
 PPG-20-Buteth-30  
 PPG-28-Buteth-35  
 PPG-33-Buteth-45  
 PPG-14 Butyl Ether  
 PPG-16 Butyl Ether  
 PPG-18 Butyl Ether  
 PPG-33 Butyl Ether  
 PPG-40 Butyl Ether  
 Chlorofluorocarbon 11  
 Chlorofluorocarbon 11S  
 Chlorofluorocarbon 12  
 Chlorofluorocarbon 114  
 Hydrochlorofluorocarbon 142B  
 Hydrofluorocarbon 152A  
 Propylene Glycol Dicocoate  
 Steartrimonium Chloride  
 Myrtrimonium Chloride  
 Hydrated Silica  
 Sodium Aluminum Chlorhydroxy Lactate  
 Sodium Decylbenzenesulfonate  
 Sodium Dihydroxyethylglycinate  
 Sodium Lauroyl Isethionate  
 Stoneroot  
 TEA-Coco-Hydrolyzed Animal Protein  
 3,3'-Thiodipropionic Acid  
 Thioglycerin  
 Trideceth-3  
 Trideceth-6  
 Trideceth-10  
 Trideceth-12  
 Retinol  
 Retinyl Acetate  
 Ergocalciferol  
 Tocopherol  
 Tocopheryl Acetate  
 Tocopheryl Succinate  
 Egg Powder

2. CTFA Adopted Names not retained in the 2nd Edition.

AMPD Isostearic Hydrolyzed Animal Protein  
 Apo-Carotenal  
 Balm Mint  
 Beet Root Juice Powder  
 Benzocaine  
 Caffeine  
 Canthaxanthin

Carbon Black  
 Carrot Juice Powder  
 Cascara  
 Chamomile  
 Chloroform  
 Chlorophyllin  
 Coceth-6  
 Cyclamic Acid  
 D&C Red No. 2 Aluminum Lake  
 D&C Red No. 7 Barium Lake



Dibromsalan	Lidocaine
Dibucaine	Metabromsalan
Diperodon HCl	Methyl Nicotinate
Disperse Black 9	Natural Red 20
Disperse Blue 3:1	Natural Red 26
Disperse Violet 11	Natural Yellow 3
Elderberry Juice Powder	Neomycin Sulfate
Estradiol	PEG-20 Lanolate
Estradiol Benzoate	PEG-20 Sorbitan Lanolate
Estrogen	Phenylephrine HCl
Estrone	Placental Extract
FD&C Red No. 2	Pregnenolone Acetate
FD&C Red No. 2 Aluminum Lake	Progesterone
FD&C Violet No. 1	Purcelline Oil Syn
FD&C Violet No. 1 Aluminum Lake	Quaternium-1
Fluorescent Brightener 46	Quaternium-5 Bentonite
Fluorescent Brightener 47	Quaternium-5 Hectorite
Fluorescent Brightener 52	Quaternium-11
Fluorescent Brightener 61	Solvent Blue 16
Fluorescent Brightener 351	Testosterone Propionate
Food Green 3	Tetracaine
Food Red 1	Tribromsalan
Food Red 17	Triiodothyronine
Food Yellow 3	UV Absorber-1
Gold	UV Absorber-2
HC Black No. 1	UV Absorber-3
HC Blue No. 3	UV Absorber-4
HC Brown No. 1	UV Absorber-5
Hydrogenated Cottonseed Glyceride	UV Absorber-6
Hydrogenated Soy Glyceride	Vinyl Chloride
Ichthammol	Vitamin E Natural
Lamp Black	Vitamin E Synthetic

## F. CRMCS Numbers

Cosmetic Raw Material Composition Statement Numbers (CRMCS Numbers) are assigned to trade named materials by the Food and Drug Administration under the voluntary cosmetic formula disclosure program. These numbers are useful in preparing submissions to the Food and Drug Administration as an aid in identifying raw materials in cosmetic formulas. A tabulation of the CRMCS Numbers for trade named materials identified in this Dictionary has been included in Section IX.

## G. Conventions

### Section V — MONOGRAPHS

The following conventions have been used in the "Other Names" portion of the monographs in Section V.

1. Italicized terms in parentheses are the names of the supplier of the particular ingredient or, in the case of colors, are the country of usage.
2. Non-italicized terms in parentheses are modifying terms.

### Section VI — CHEMICAL/TRADE NAMES

The following conventions have been utilized in Section VI:

1. The column heading CHEMICAL/TRADE NAMES includes chemical terms, trademarks, generic names and common names.
2. Terms in parentheses in the Chemical/Trade Name column are the names of the suppliers of the particular ingredient or, in the case of colors, are the country of usage.
3. Terms in italics in the Chemical/Trade Name column are modifying terms which more closely define the chemical name.
4. Terms in parentheses in the CTFA Adopted Names column are explanatory terms and are not meant to be included on labels.
5. Terms in italics in the CTFA Adopted Names column are locator terms and are not meant to be used as CTFA Adopted Names.
6. An asterisk (\*) preceding the Chemical/Trade Name indicates that the CTFA Adopted Name for that material has been changed from that listed in the 1st Edition.



# SECTION FOUR

## A. Regulatory Information

### 1. Substantiation of Safety

Listing of an ingredient in the CTFA Cosmetic Ingredient Dictionary in no way implies either its safety or its legality for any or all uses. Each ingredient in a cosmetic product and each finished cosmetic product must have its safety adequately substantiated before marketing. Manufacturers are urged to review these requirements in the Code of Federal Regulations (21 C.F.R. 740.10). Manufacturers are also urged to check appropriate notices in the Federal Register and sections of the Code of Federal Regulations for any prohibition or restrictions for ingredients. Part 8 of the FDA regulations contains, for example, specific percentage limitations for some color additives.

### 2. Ingredient Labeling

The CTFA Cosmetic Ingredient Dictionary (1973 Edition) has been recognized by the Food and Drug Administration as the controlling compendium for ingredient labeling of cosmetics under Title 21 of the

Code of Federal Regulations, Part 701 (21 C.F.R. 701.3). CTFA Adopted Names listed therein are therefore the preferred nomenclature for cosmetic ingredient labeling. A petition has been submitted by CTFA to the Food and Drug Administration requesting similar recognition of the 1976 Edition of the CTFA Cosmetic Ingredient Dictionary. The response by FDA will appear in the Federal Register.

CTFA Adopted Names when applied to trade named ingredients identify the principal components in these materials. Occasionally other components such as diluents, solvents, preservatives, antioxidants and the like may be present in ingredients. When these components do not conform to the definition of "incidental ingredients", they must be included in the ingredient listing on the label. In order to help resolve labeling questions relating to the presence of additional components, cosmetic manufacturers should consult with ingredient suppliers and the FDA regulations (21 C.F.R. 701.3). A labeling manual which explains and interprets the requirements of the FDA regulations is available from CTFA.

## B. CTFA Nomenclature Assignment Procedures

To request a CTFA Adopted Name, the following specific information must be sent to the CTFA Cosmetic Ingredient Nomenclature Committee:

1. Trade Name
2. Generic name and/or chemical name.
3. Data sheets.
4. Descriptions of the raw materials, including structures, disclosure of all alkyl, aryl or monomeric groupings and chain lengths of ethoxylated and propoxylated materials.
5. If the ingredient is a mixture, the disclosure must be in descending order of predominance.

To request amendment of a CTFA Adopted Name, the following specific information must be sent to the CTFA Cosmetic Ingredient Nomenclature Committee:

1. Alternate nomenclature.
2. Rationale.

3. Any data as listed above necessary to support the request.

Such requests must be submitted in letter form to the Cosmetic Ingredient Nomenclature Committee, C/O Cosmetic, Toiletry and Fragrance Association, Inc., 1133 Fifteenth Street, N.W., Washington, D.C. 20005.

The Cosmetic Ingredient Nomenclature Committee will compile, in future editions of and supplements to the Dictionary, all names on which the Committee has taken favorable action and will periodically submit a petition to the Food and Drug Administration requesting their formal acceptance in accordance with 21 C.F.R. 701.3(e).

The Food and Drug Administration labeling regulations (21 C.F.R. 701.3(e)) also provide for direct petition to the Commissioner of Food and Drugs for the establishment of a specific name for a cosmetic ingredient.



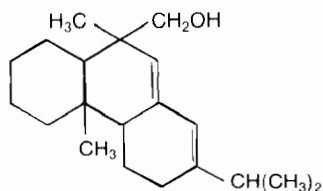
# Monographs

## A

### ABIETYL ALCOHOL

*CAS Number:* 666-84-2

*Definition:* Abietyl Alcohol is an organic alcohol derived from abietic acid or wood rosin. It conforms generally to the formula:



*Information Sources:* CTFA

### ACACIA

*CAS Number:* PM9000-01-5

*Definition:* Acacia is the dried, gummy exudate from the stems and branches of various species of the African acacia tree.

*Information Sources:* ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FI, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POL, POR, ROM, USD, USP, YUG, 21CFR121.101

*Other Names:*

Acacia Gum  
Gum Acacia  
Gum Arabic

### ACEROLA

*RD Number:* 977020-29-3

*Definition:* Acerola is a natural source of ascorbic acid obtained from the ripe fruit of the West Indian Cherry, *Malpighia puniceifolia*.

*Information Sources:* MAR, MI

*Other Names:*

Acerola B Concentrate

### ACETALDEHYDE

*CAS Number:* 75-07-0

*Definition:* Acetaldehyde is the aldehyde that conforms to the formula:

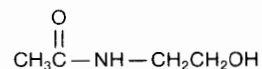


*Information Sources:* FCC, MI, 21CFR121.101, 21CFR121.2587, 27CFR212.68a

### ACETAMIDE MEA

*CAS Number:* 142-26-7

*Definition:* Acetamide MEA is the aliphatic amide that conforms to the formula:



*Information Sources:* 21CFR121.2520

*Other Names:*

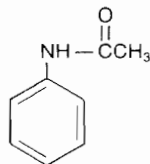
N-Acetyl Ethanolamine

### ACETANILID

*CAS Number:* 103-84-4

*Definition:* Acetanilid is the aromatic amide that conforms to the formula:

## Acetanilid (Cont.)



*Information Sources:* CTFA, ARG, AUS, BRA, EGY, FIN, HUN, KOR, MEX, MI, NFX, PF, PN, POR, USD, YUG

## ACETIC ACID

*RD Number:* 977004-81-1

*Definition:* Acetic Acid is the organic acid that conforms to the formula:

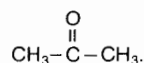


*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PJ, PN, POR, ROM, SNPF, USD, USP, YUG, 21CFR121.101

## ACETONE

*CAS Number:* 67-64-1

*Definition:* Acetone is the aliphatic ketone that conforms to the formula:



*Information Sources:* ARG, AUS, BPC, BRA, DDR, FCC, HUN, KOR, MAR, MEX, MI, NED, NF, NFJ, PF, PJ, PN, SNPF, USD, YUG, 21CFR121.1042, 21CFR121.2520, 21CFR121.2569

*Other Names:*  
Dimethyl Ketone  
2-Propanone

## ACETYLATED HYDROGENATED COTTONSEED GLYCERIDE

*RD Number:* 977055-83-6

*Definition:* Acetylated Hydrogenated Cottonseed Glyceride is the acetyl ester of the monoglyceride derived from hydrogenated cottonseed oil (q.v.).

## ACETYLATED HYDROGENATED LARD GLYCERIDE

*CAS Number:* MX8029-91-2

*Definition:* Acetylated Hydrogenated Lard Glyceride is the acetyl ester of the monoglyceride derived from hydrogenated lard.

## Acetylated Lanolin Alcohol

### ACETYLATED HYDROGENATED TALLOW GLYCERIDE

*RD Number:* 977063-58-3

*Definition:* Acetylated Hydrogenated Tallow Glyceride is the acetyl ester of Hydrogenated Tallow Glyceride (q.v.).

*Other Names:*  
Lamegin EE-50 (Gruenau)  
Lamegin EE-70 (Gruenau)  
Lamegin EE-90 (Gruenau)

### ACETYLATED HYDROGENATED TALLOW GLYCERIDES

*RD Number:* 977063-59-4

*Definition:* Acetylated Hydrogenated Tallow Glycerides is an acetyl ester of Hydrogenated Tallow Glycerides (q.v.).

### ACETYLATED HYDROGENATED VEGETABLE GLYCERIDE

*RD Number:* 977055-84-7

*Definition:* Acetylated Hydrogenated Vegetable Glyceride is an acetyl ester of Hydrogenated Vegetable Glyceride (q.v.).

### ACETYLATED LANOLIN

*RD Number:* 977054-40-2

*Definition:* Acetylated Lanolin is the acetyl ester of Lanolin (q.v.).

*Information Sources:* CTFA

*Other Names:*  
Acetadepts (Westbrook Lanolin)  
Acytan (Croda)  
Lanacet (Malmstrom)  
Lanolin A. C. (Lanaetex)  
Lanolin Acetate (Stepan)  
Modulan (Amerchol)

### ACETYLATED LANOLIN ALCOHOL

*CAS Number:* MX8028-98-6

*Definition:* Acetylated Lanolin Alcohol is the acetyl ester of Lanolin Alcohol (q.v.).

*Information Sources:* CTFA

*Other Names:*  
Acetol (Malmstrom)  
Acetulan (Amerchol)  
Argonol ACE 2 (Westbrook Lanolin)  
Crodalan LA (Croda)  
Lanaetex-75 (Lanaetex)  
Lanalene Liquid ACE 2 (Stepan)

**ACETYLATED LANOLIN RICINOLEATE**

RD Number: 977055-85-8

*Definition:* Acetylated Lanolin Ricinoleate is the acetyl ester of Lanolin Ricinoleate (q.v.).

*Information Sources:* CTFA

*Other Names:*

Ricilan C (Amerchol)

**ACETYLATED LARD GLYCERIDE**

CAS Number: MX8029-92-3

*Definition:* Acetylated Lard Glyceride is the acetyl ester of Lard Glyceride (q.v.).

**ACETYLATED PALM KERNEL GLYCERIDES**

RD Number: 977063-60-7

*Definition:* Acetylated Palm Kernel Glycerides is an acetyl ester of Palm Kernel Glycerides (q.v.).

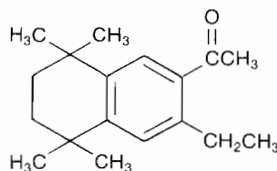
*Other Names:*

Acetoglyceride L.C. (Bush Boake Allen)

**ACETYL ETHYL  
TETRAMETHYL TETRALIN**

CAS Number: 88-29-9

*Definition:* Acetyl Ethyl Tetramethyl Tetralin is the aromatic compound that conforms to the formula:



*Information Sources:* MI

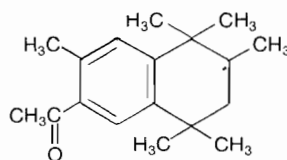
*Other Names:*

Polycyclic Musk  
Versalide (Givaudan)

**ACETYL HEXAMETHYL TETRALIN**

RD Number: 977069-03-6

*Definition:* Acetyl Hexamethyl Tetralin is the organic compound that conforms to the formula:



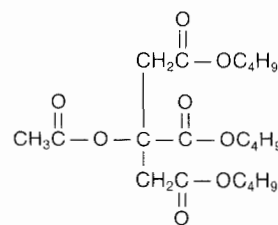
*Other Names:*

6-Acetyl-1,1,2,4,4,7-Hexamethyl-1,2,3,4-Tetrahydronaphthalene  
Tonalid (Polak's Frutal Works)

**ACETYL TRIBUTYL CITRATE**

CAS Number: 77-90-7

*Definition:* Acetyl Tributyl Citrate is the aliphatic ester that conforms to the formula:



*Information Sources:* 21CFR121.2005, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531, 21CFR121.2569

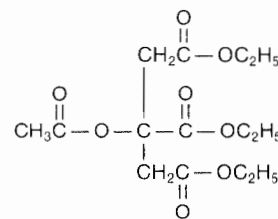
*Other Names:*

Citroflex A-4 (Pfizer)

**ACETYL TRIETHYL CITRATE**

CAS Number: 77-89-4

*Definition:* Acetyl Triethyl Citrate is the aliphatic ester that conforms to the formula:



*Information Sources:* CTFA, 21CFR121.2005, 21CFR121.2514, 21CFR121.2520, 21CFR121.2532, 21CFR121.2569

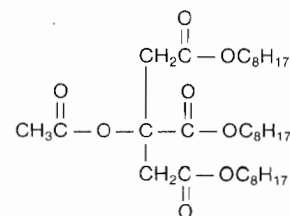
*Other Names:*

Citroflex A-2 (Pfizer)

**ACETYL TRIOCTYL CITRATE**

CAS Number: 144-15-0

*Definition:* Acetyl Trioctyl Citrate is the aliphatic ester that conforms generally to the formula:



*Other Names:*

Citroflex A-8 (Pfizer)

**ACID BLACK 2**

CAS Number: MX8005-03-6

## Acid Black 2 (Cont.)

**Definition:** Acid Black 2 is a commercial azine color described in The Colour Index. The exact composition of this color has not been disclosed.

**Information Sources:** CI 50420

**Other Names:**

Nigrosine Jet L Conc (*Sandoz*)  
Nigrosine WSN Conc (*Ciba-Geigy*)

## ACID BLACK 58

**CAS Number:** 12218-94-9

**Definition:** Acid Black 58 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

**Information Sources:** CI

**Other Names:**

Irgalan Grey BL (*Ciba-Geigy*)  
Lanasyn Grey BL (*Sandoz*)

## ACID BLACK 107

**CAS Number:** 12218-96-1

**Definition:** Acid Black 107 is classed chemically as a monoazo (1:2 metal complex) color.

**Information Sources:** CI

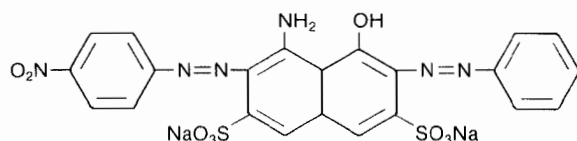
**Other Names:**

Irgalan Black BGL (*Ciba-Geigy*)  
Lanasyn Black M (*Sandoz*)

## ACID BLACK 131

**CAS Number:** 12219-01-1

**Definition:** Acid Black 131 is classed chemically as a disazo color. It conforms to the formula:



**Information Sources:** CI 20470

**Other Names:**

Irgalan Black GBL (*Ciba-Geigy*)  
Lanasyn Black BGL (*Sandoz*)

## ACID BLACK 139

**RD Number:** 977062-17-1

**Definition:** Acid Black 139 is a commercial monoazo color described in The Colour Index. The exact composition of this color has not been disclosed.

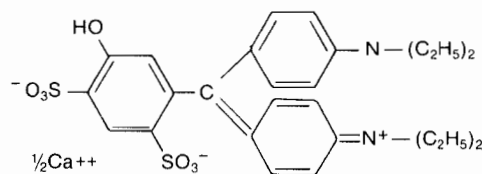
**Information Sources:** CI

## ACID BLUE 3

**CAS Number:** 3536-49-0

## Acid Blue 9 Ammonium Salt

**Definition:** Acid Blue 3 is the triphenylmethane color that conforms to the formula:



**Information Sources:** CI 42051, EEC E131, M3, SWE

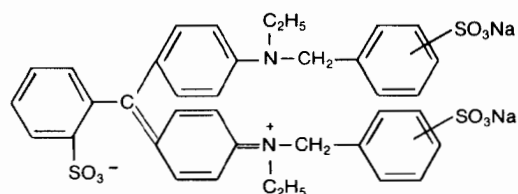
**Other Names:**

C-Blau 20 (*Germany*)  
Germany: C-Blau 20  
Patentbla (*Sweden*)  
Sweden: Patentbla

## ACID BLUE 9

**CAS Number:** 2650-18-2

**Definition:** Acid Blue 9 is a color classed chemically as a triphenylmethane color. It conforms to the formula:



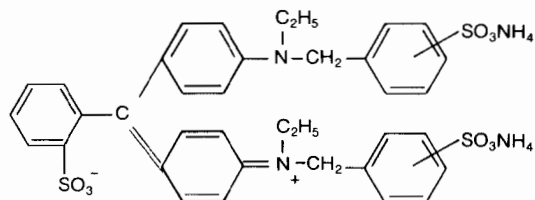
The name Acid Blue 9 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is FD&C Blue No. 1.

**Information Sources:** CI 42090, JC, M3

## ACID BLUE 9 AMMONIUM SALT

**CAS Number:** 37307-56-5

**Definition:** Acid Blue 9 Ammonium Salt is a color classed chemically as a triphenylmethane color. It conforms to the formula:



The name Acid Blue 9 Ammonium Salt can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D&C Blue No. 4

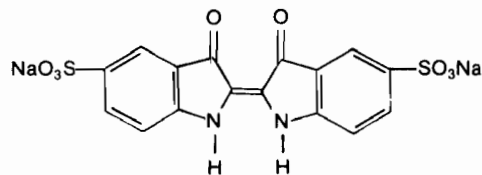
**Information Sources:** CI 42090



**ACID BLUE 74**

CAS Number: 860-22-0

*Definition:* Acid Blue 74 is a color classed chemically as an indigoid color. It conforms to the formula:



The name Acid Blue 74 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is FD&C Blue No. 2.

*Information Sources:* BP, BPC, CI 73015, DDR, EEC E132, EGY, IND, JC, M3, MAR, MI, NED, PJ, SWE

**ACID BLUE 168**

CAS Number: 12219-24-8

*Definition:* Acid Blue 168 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Blue BL (*Ciba-Geigy*)

**ACID BLUE 170**

RD Number: 977062-68-2

*Definition:* Acid Blue 170 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

**ACID BLUE 188**

RD Number: 977062-90-0

*Definition:* Acid Blue 188 is classed chemically as a monoazo (1:2 metal complex) color.

*Information Sources:* CI

*Other Names:*

Irgalan Navy Blue 5 RL (*Ciba-Geigy*)

**ACID BLUE 209**

CAS Number: 12269-81-7

*Definition:* Acid Blue 209 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

**ACID BROWN 19**

CAS Number: 12234-73-0

*Definition:* Acid Brown 19 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Brown BL (*Ciba-Geigy*)

Lanasyn Brown GL (*Sandoz*)

**ACID BROWN 30**

CAS Number: 12238-95-8

*Definition:* Acid Brown 30 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Lanasyn Brown 3RL (*Sandoz*)

**ACID BROWN 44**

CAS Number: 12238-96-9

*Definition:* Acid Brown 44 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Brown 2GL (*Ciba-Geigy*)

**ACID BROWN 45**

CAS Number: 12219-54-1

*Definition:* Acid Brown 45 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Lanasyn Brown 2RL (*Sandoz*)

**ACID BROWN 46**

CAS Number: 12238-97-0

*Definition:* Acid Brown 46 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Brown 3BL (*Ciba-Geigy*)

**ACID BROWN 48**

RD Number: 977058-79-9

*Definition:* Acid Brown 48 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

## Acid Brown 48 (Cont.)

Information Sources: CI

Other Names:

Irgalan Dark Brown 5R (Ciba-Geigy)

## ACID BROWN 224

RD Number: 977062-69-3

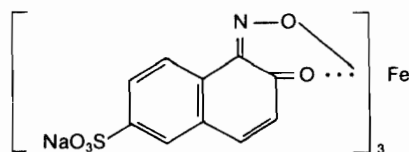
Definition: Acid Brown 224 is a commercial monoazo color described in The Colour Index. The exact composition of this color has not been disclosed.

Information Sources: CI

## ACID GREEN 1

CAS Number: 10410-67-9

Definition: Acid Green 1 is a color classed chemically as a nitroso color. It conforms to the formula:



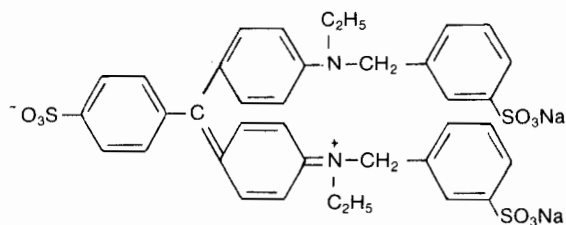
The name Acid Green 1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is Ext. D&C Green No. 1.

Information Sources: CI 10020, JC, M3

## ACID GREEN 5

CAS Number: 5141-20-8

Definition: Acid Green 5 is a color classed chemically as a triphenylmethane color. It conforms to the formula:



Information Sources: CI 42095, JC, MI

Other Names:

FD & C Green No. 2 (Formerly)

Food Green 2

Green No. 203 (Japan)

Japan: Green No. 203

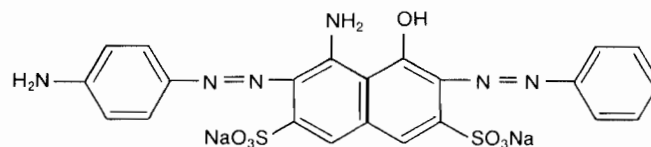
Light Green SF Yellowish

## ACID GREEN 20

CAS Number: 5850-39-5

Definition: Acid Green 20 is classed chemically as a disazo color. It conforms to the formula:

## Acid Orange 7



Information Sources: CI 20495

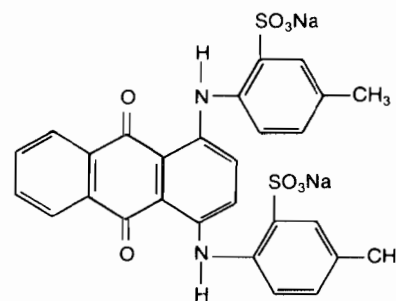
Other Names:

Xylene Dark Green B (Sandoz)

## ACID GREEN 25

CAS Number: 4403-90-1

Definition: Acid Green 25 is a color classed chemically as an anthraquinone color. It conforms to the formula:



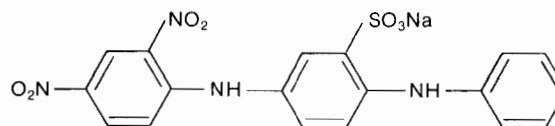
The name Acid Green 25 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Green No. 5.

Information Sources: CI 61570, JC, M3

## ACID ORANGE 3

CAS Number: 6373-74-6

Definition: Acid Orange 3 is a color classed chemically as a nitro color. It conforms to the formula:



Information Sources: CI 10385

Other Names:

Amido Yellow EA

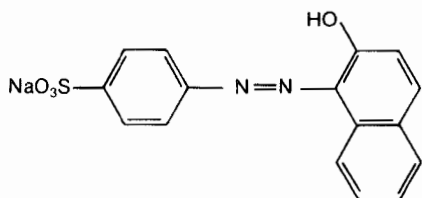
Xylene Fast Yellow-ES (Sandoz)

## ACID ORANGE 7

CAS Number: 633-96-5

Definition: Acid Orange 7 is a color classed chemically as a monoazo color. It conforms to the formula:

## Acid Orange 7 (Cont.)



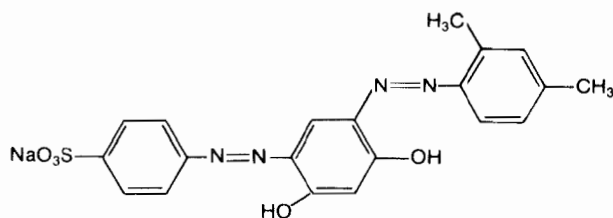
The name Acid Orange 7 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Orange No. 4.

*Information Sources:* CI 15510, JC, M3, MI

## ACID ORANGE 24

*CAS Number:* 6371-84-2

*Definition:* Acid Orange 24 is a color classed chemically as a disazo color. It conforms to the formula:



The name Acid Orange 24 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Brown No. 1.

*Information Sources:* CI 20170, JC, M3

## ACID ORANGE 80

*RD Number:* 977069-04-7

*Definition:* Acid Orange 80 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Lanasyn Yellow 2RL (*Sandoz*)

## ACID ORANGE 85

*CAS Number:* 11099-97-1

*Definition:* Acid Orange 85 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Yellow 2RL (*Ciba-Geigy*)

## ACID ORANGE 86

*CAS Number:* 12220-07-4

## Acid Red 18

*Definition:* Acid Orange 86 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

*Other Names:*

Irgalan Orange RL (*Ciba-Geigy*)

Lanasyn Orange RL (*Sandoz*)

## ACID ORANGE 88

*CAS Number:* 12239-03-1

*Definition:* Acid Orange 88 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

## ACID ORANGE 89

*CAS Number:* 12269-95-3

*Definition:* Acid Orange 89 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

## ACID ORANGE 116

*CAS Number:* 12220-10-9

*Definition:* Acid Orange 116 is a commercial disazo color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

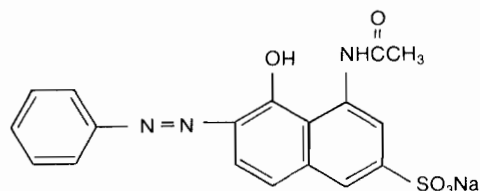
*Other Names:*

Nylosan Orange SL (*Sandoz*)

## ACID RED 1

*CAS Number:* 3734-67-6

*Definition:* Acid Red 1 is a color classed chemically as a monoazo color. It conforms to the formula:



*Information Sources:* CI 18050, 21CFR 8.510

*Other Names:*

Azo Rhodine 2G (*Sandoz*)

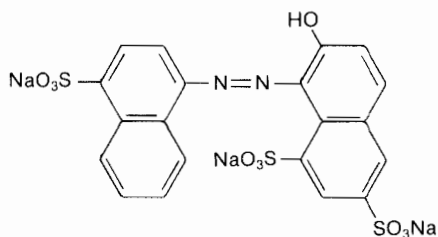
Ext. D & C Red No. 11 (Formerly)

Food Red 10

## ACID RED 18

*CAS Number:* 7244-14-6

*Definition:* Acid Red 18 is the color that conforms to the formula:



Information Sources: CI 16255, EEC E124, M3, SWE

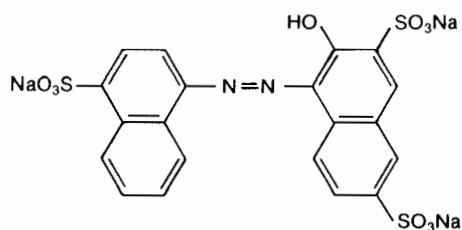
Other Names:

C-Rot 47 (Germany)  
Germany: C-Rot 47  
Nykokkin (Sweden)  
Sweden: Nykokkin

### ACID RED 27

CAS Number: 642-59-1

Definition: Acid Red 27 is a color classed chemically as a monoazo color. It conforms to the formula:



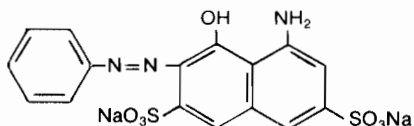
The name Acid Red 27 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is FD & C Red No. 2.

Information Sources: CI 16185, EEC E123, JC, M3, MAR, MI, USP

### ACID RED 33

CAS Number: 3567-66-6

Definition: Acid Red 33 is a color classed chemically as a monoazo color. It conforms to the formula:



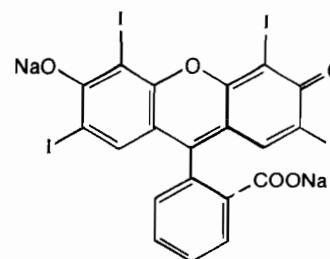
The name Acid Red 33 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 33.

Information Sources: CI 17200, JC

### ACID RED 51

CAS Number: 568-63-8

Definition: Acid Red 51 is a color classed chemically as a xanthene color. It conforms to the formula:



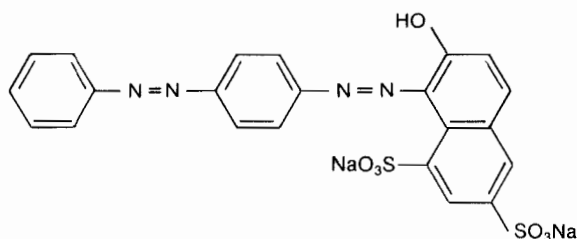
The name Acid Red 51 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is FD & C Red No. 3.

Information Sources: CI 45430, EEC E127, JC, M3, SWE

### ACID RED 73

CAS Number: 5413-75-2

Definition: Acid Red 73 is a color classed chemically as a monoazo color. It conforms to the formula:



Information Sources: CI 27290, 21CFR 8.510

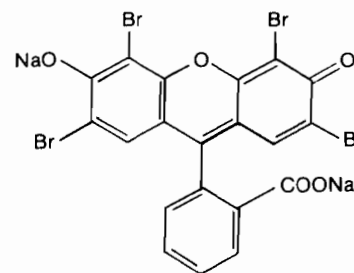
Other Names:

Ext. D. & C Red No. 13 (Formerly)

### ACID RED 87

CAS Number: 548-26-5

Definition: Acid Red 87 is a color classed chemically as a xanthene color. It conforms to the formula:



## Acid Red 87 (Cont.)

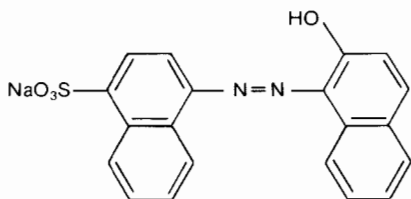
This color is the conversion product of Solvent Red 43 to the Sodium Salt. The name Acid Red 87 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 22.

*Information Sources:* CI 45380, JC, MAR, MI

## ACID RED 88

*CAS Number:* 1658-56-6

*Definition:* Acid Red 88 is a color classed chemically as a monoazo color. It conforms to the formula:



*Information Sources:* CI 15620, JC

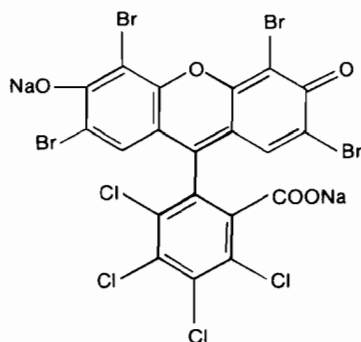
### Other Names:

Ext. D & C Red No. 8 (Formerly)  
Japan: Red No. 506  
Red No. 506 (Japan)  
Rocceline 2S (Sandoz)

## ACID RED 92

*CAS Number:* 4618-23-9

*Definition:* Acid Red 92 is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the conversion product of Solvent Red 48 to the sodium salt. The name Acid Red 92 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 28.

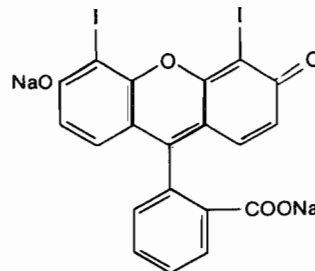
*Information Sources:* CI 45410

## Acid Red 259

## ACID RED 95

*CAS Number:* 6371-82-0

*Definition:* Acid Red 95 is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the conversion product of Solvent Red 73 to the sodium salt. The name Acid Red 95 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Orange No. 11.

*Information Sources:* CI 45425, JC, MI

## ACID RED 131

*CAS Number:* 12234-99-0

*Definition:* Acid Red 131 is a color classed chemically as a monoazo color.

*Information Sources:* CI

### Other Names:

Sulfonine Brilliant Red 3B (Sandoz)

## ACID RED 213

*CAS Number:* 12715-60-5

*Definition:* Acid Red 213 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

*Information Sources:* CI

### Other Names:

Lanasyn Bordeaux GRL (Sandoz)

## ACID RED 252

*RD Number:* 977062-91-1

*Definition:* Acid Red 252 is a color classed chemically as a monoazo color.

*Information Sources:* CI

## ACID RED 259

*RD Number:* 977058-88-0

*Definition:* Acid Red 259 is a color classed chemically as a monoazo (1:2 metal complex) color.

## Acid Red 259 (Cont.)

Information Sources: CI

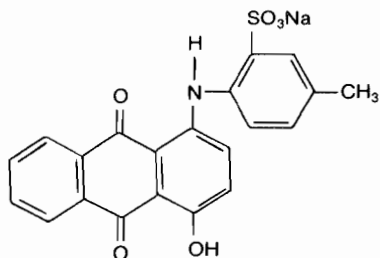
Other Names:

Irgalan Red 4GL (Ciba-Geigy)

## ACID VIOLET 43

CAS Number: 4430-18-6

Definition: Acid Violet 43 is a color classed chemically as an anthraquinone color. It conforms to the formula:



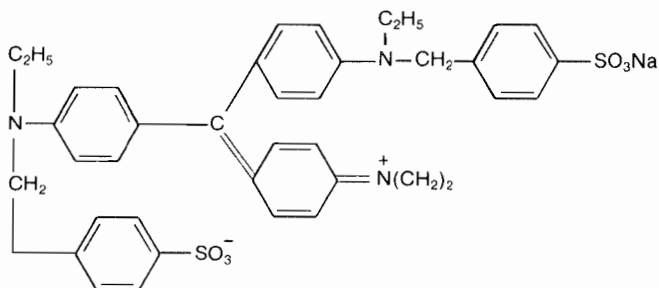
The name Acid Violet 43 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is Ext. D & C Violet No. 2.

Information Sources: CI 60730, JC

## ACID VIOLET 49

CAS Number: 1694-09-3

Definition: Acid Violet 49 is the color that conforms to the formula:



Information Sources: CI 42640, JC, M3

Other Names:

Acid Violet 6B

C-Violett 10 (Germany)

FD & C Violet No. 1 (Formerly)

Germany: C-Violett 10

Japan: Violet No. 1

Violet No. 1 (Japan)

## ACID VIOLET 73

RD Number: 977058-90-4

Definition: Acid Violet 73 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

## Acid Yellow 11

Information Sources: CI

Other Names:

Irgalan Violet 5RL (Ciba-Geigy)

## ACID VIOLET 76

RD Number: 977062-86-4

Definition: Acid Violet 76 is a commercial anthraquinone color described in The Colour Index. The exact composition of this color has not been disclosed.

Information Sources: CI

## ACID VIOLET 99

CAS Number: 12220-57-4

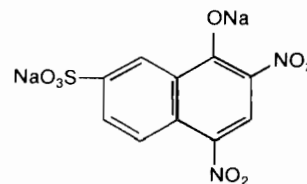
Definition: Acid Violet 99 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

Information Sources: CI

## ACID YELLOW 1

CAS Number: 483-84-1

Definition: Acid Yellow 1 is a color classed chemically as a nitro color. It conforms to the formula:



The name Acid Yellow 1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is Ext. D & C Yellow No. 7.

Information Sources: CI 10316, JC, M3, MI

## ACID YELLOW 3

CAS Number: MX8004-92-0

Definition: Acid Yellow 3 is a mixture of the disodium salt of the mono- and disulfonic acids of 2-(2-quinoly)-1,3-indandione.

The name Acid Yellow 3 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Yellow No. 10.

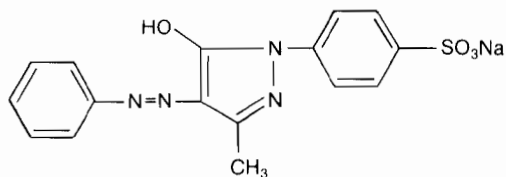
Information Sources: CI 47005, EEC E104, JC, M3, SWE

## ACID YELLOW 11

CAS Number: 6359-82-6

## Acid Yellow 11 (Cont.)

**Definition:** Acid Yellow 11 is a color classed chemically as a pyrazolone color. It conforms to the formula:



**Information Sources:** CI 18820, JC, M3

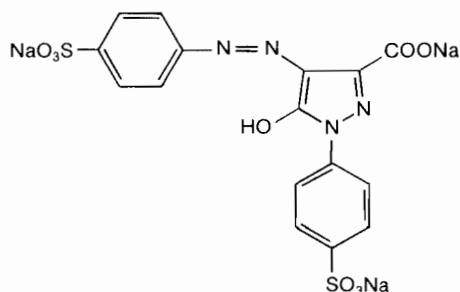
### Other Names:

C-Ext. Gelb 11 (Germany)  
Ext. D & C Yellow No. 3 (Formerly)  
Fast Light Yellow  
Germany: C-Ext. Gelb 11  
Japan: Yellow No. 407  
Yellow No. 407 (Japan)

## ACID YELLOW 23

**CAS Number:** 1934-21-0

**Definition:** Acid Yellow 23 is a color classed chemically as a pyrazole color. It conforms to the formula:



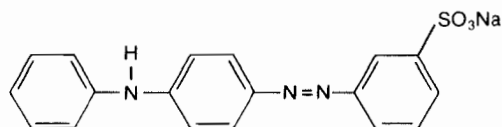
The name Acid Yellow 23 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is FD & C Yellow No. 5.

**Information Sources:** CI 19140, EEC E102, JC, M3, MAR, MI, SWE

## ACID YELLOW 36

**CAS Number:** 587-98-4

**Definition:** Acid Yellow 36 is a color classed chemically as a monoazo color. It conforms to the formula:



The name Acid Yellow 36 can be used only when applied to batches of color that have not been certified according to United States certification

## Acid Yellow 73 Sodium Salt

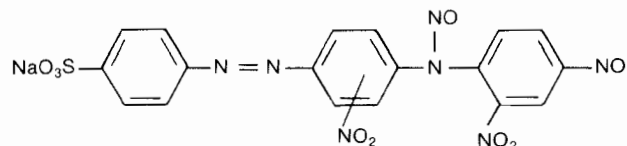
regulations. The CTFA Adopted Name for certified batches of this color is Ext. D & C Yellow No. 1.

**Information Sources:** CI 13065, JC, M3, MI

## ACID YELLOW 63

**RD Number:** 977062-92-2

**Definition:** Acid Yellow 63 is a color classed chemically as a monoazo color. It conforms generally to the formula:

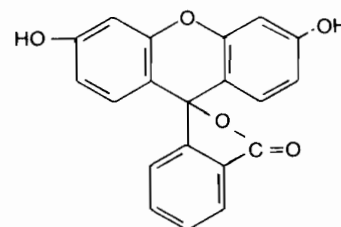


**Information Sources:** CI 13095

## ACID YELLOW 73

**CAS Number:** 518-45-6

**Definition:** Acid Yellow 73 is a color classed chemically as a fluoran color. It conforms to the formula:



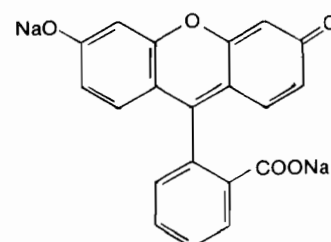
This color converted to the sodium salt is Acid Yellow 73 Sodium Salt. The name Acid Yellow 73 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Yellow No. 7.

**Information Sources:** BPC, CI 45350:1, JC, M3, MI

## ACID YELLOW 73 SODIUM SALT

**CAS Number:** 518-47-8

**Definition:** Acid Yellow 73 Sodium Salt is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the conversion product of Acid Yellow 73 to the sodium salt. The name Acid

### Acid Yellow 73 Sodium Salt (Cont.)

Yellow 73 Sodium Salt can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Yellow No. 8.

*Information Sources:* CI 45350, DDR, JC, MAR, MI, PJ, PN, USD, USP, YUG

### ACID YELLOW 114

*RD Number:* 977058-78-8

*Definition:* Acid Yellow 114 is a color classed chemically as a metallized azo dye.

*Information Sources:* CI

*Other Names:*

Irgalan Yellow GL (Ciba-Geigy)  
Lanasyn Yellow GL (Sandoz)

### ACID YELLOW 127

*CAS Number:* 12777-30-9

*Definition:* Acid Yellow 127 is a color classed chemically as a monoazo color.

*Information Sources:* CI

*Other Names:*

Irganol Brilliant Yellow 3GLS 133% (Ciba-Geigy)  
Lanasyn Brilliant Yellow 5GL (Sandoz)

### ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER

*RD Number:* 977050-02-4

*Definition:* Acrylamide/Sodium Acrylate Copolymer is a polymer formed from acrylamide and sodium acrylate monomers.

*Other Names:*

Reten 421 (Hercules)  
Reten 423 (Hercules)  
Reten 425 (Hercules)

### ACRYLATE/ACRYLAMIDE COPOLYMER

*RD Number:* 977062-93-3

*Definition:* Acrylate/Acrylamide Copolymer is a polymer of acrylamide and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

*Information Sources:* CTFA, 21CFR121.288, 21CFR121.1092, 21CFR121.2512

*Other Names:*

Dicrylan 325 WA-50 (Ciba-Geigy)  
Dicrylan 325-50 (Ciba-Geigy)  
Dicrylan 394 (Ciba-Geigy)

### Adenosine Triphosphate

### ACRYLATE/AMMONIUM METHACRYLATE COPOLYMER

*RD Number:* 977062-95-5

*Definition:* Acrylate/Ammonium Methacrylate Copolymer is a polymer of ammonium methacrylate and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

### ACRYLATES COPOLYMER

*RD Number:* 977069-05-8

*Definition:* Acrylates Copolymer is a polymer of two or more monomers consisting of acrylic acid, methacrylic acid or their simple esters.

*Other Names:*

Acryloid B-66 (Rohm & Haas)

### ACRYLIC/ACRYLATE COPOLYMER

*RD Number:* 977062-96-6

*Definition:* Acrylic/Acrylate Copolymer is a polymer of acrylic acid and a monomer consisting of methacrylic acid or a simple ester of acrylic acid or methacrylic acid.

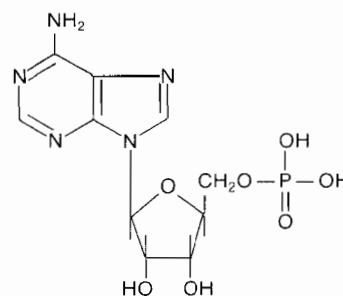
*Other Names:*

Carboset 514 (Goodrich)  
Carboset 515 (Goodrich)  
Carboset 525 (Goodrich)

### ADENOSINE PHOSPHATE

*CAS Number:* 61-19-8

*Definition:* Adenosine Phosphate is the organic compound that conforms to the formula:



*Information Sources:* MAR, MI, USAN

*Other Names:*

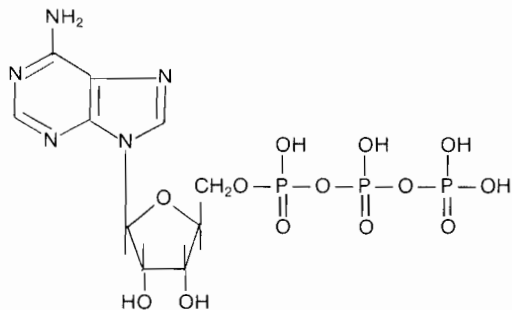
Adenosine Monophosphate

### ADENOSINE TRIPHOSPHATE

*CAS Number:* 56-65-5

*Definition:* Adenosine Triphosphate is the organic compound that conforms to the formula:



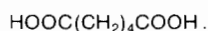


Information Sources: MAR, MI

## ADIPIC ACID

CAS Number: 124-04-9

Definition: Adipic Acid is the organic dicarboxylic acid that conforms to the formula:



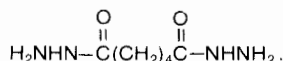
Information Sources: CTFA, DDR, FCC, MI, 21CFR121.101, 21CFR121.1164, 21CFR121.2522

Other Names:  
Hexanedioic Acid

## ADIPIC ACID DIHYDRAZIDE

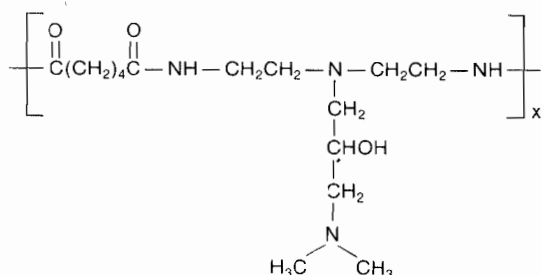
RD Number: 977055-86-9

Definition: Adipic Acid Dihydrazide is the reaction product of hydrazine and adipic acid. It conforms to the formula:



## ADIPIC ACID/ DIMETHYLAMINOHYDROXYPROPYL DIETHYLENTRIAMINE COPOLYMER

Definition: Adipic Acid/Dimethylaminohydroxypropyl Diethylenetriamine Copolymer is the condensation polymer that conforms generally to the formula:

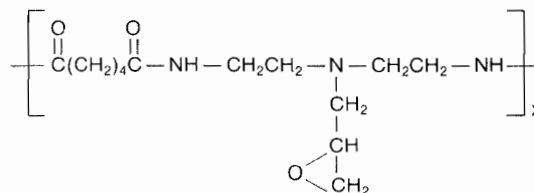


Other Names:  
Cartaretin F-4 (Sandoz)  
Cartaretin F-8 (Sandoz)

## ADIPIC ACID/EPOXYPROPYL DIETHYLENTRIAMINE COPOLYMER

RD Number: 977062-97-7

Definition: Adipic Acid/Epoxypropyl Diethylenetriamine Copolymer is the condensation polymer that conforms generally to the formula:



Other Names:  
Delsette 101 (Hercules)

## AGAR

CAS Number: PM 9002-18-0

Definition: Agar is the dried, hydrophilic, colloidal polygalactoside derived from various *Gelidium* species or closely related red algae.

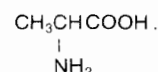
Information Sources: ARG, AUS, BRA, CZE, DDR, EGY, FCC, FI, HUN, IND, ITA, MAR, MEX, MI, NED, PJ, PN, POL, POR, USD, USP, USSR, YUG, 21CFR121.101

Other Names:  
Agar Agar Flake

## ALANINE

CAS Number: (DL Form) 302-72-7  
(L Form) 56-41-7

Definition: Alanine is the amino acid that conforms to the formula:



Information Sources: FCC, MI, 21CFR121.101, 21CFR121.1002

Other Names:  
2-Aminopropionic Acid

## ALBUMEN

RD Number: 977000-98-8

Definition: Albumen is the dried whites of chicken eggs.

Information Sources: CTFA, MAR, MI, 21CFR42.72

Other Names:  
Dried Egg White  
Egg Albumin  
Egg White Solids Type P-20 (Henningsen)  
Granular Henneegg Albumen Type G-1 (Henningsen)

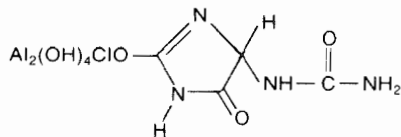
## Albumen (Cont.)

Instant Egg White Solids Type P-600  
(Henningsen)  
Powdered Egg White (Anheuser-Busch)

## ALCLOXA

CAS Number: 1317-25-5

Definition: Alcloxa is a heterocyclic organic compound that conforms generally to the formula:



Information Sources: CTFA, USAN

Other Names:

Aluminum Chlorhydroxy Allantoinate  
Dialuminum Tetrahydroxychloro Allantoinate

## ALCOHOL

CAS Number: 64-17-5

Definition: Alcohol is undenatured ethyl alcohol that conforms to the formula:



Information Sources: ARG, AUS, BP, BPC, BRA, DA, DDR, EGY, FCC, FI, IND, ITA, MAR, MEX, MI, NFJ, PF, PJ, PN, POR, ROM, USD, USP, WHO, 21CFR121.104, 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

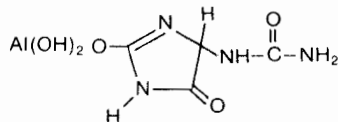
Other Names:

Anhydrol (Union Carbide)  
Ethanol, Undenatured  
Ethyl Alcohol, Undenatured  
Gold Shield (Commercial Solvents)  
Hexagon (Commercial Solvents)  
Punctilious Alcohol (US Industrial Chemicals)

## ALDIOXA

CAS Number: 5579-81-7

Definition: Aldioxa is a heterocyclic organic compound that conforms generally to the formula:



Information Sources: CTFA, USAN

Other Names:

Aluminum Dihydroxy Allantoinate

## ALGAE EXTRACT

RD Number: 977064-54-2

## Allantoin Acetyl Methionine

Definition: Algae Extract is an extract of various species of Algae.

Information Sources: 21CFR121.101

## ALGIN

CAS Number: PM9005-38-3

Definition: Algin is the sodium salt of alginic acid (q.v.).

Information Sources: BPC, BRA, FCC, ITA, KOR, MAR, MI, NF, NFJ, PJ, USD, 21CFR121.1088

Other Names:

Algum S (Edward Mendell)  
Dariloid QH (Kelco)  
Kelco-Gel (Kelco)  
Kelcosol (Kelco)  
Kelgin F (Kelco)  
Kelgin HV (Kelco)  
Keltone (Kelco)  
Sodium Alginate

## ALGINIC ACID

CAS Number: PM9005-32-7

Definition: Alginic Acid is the carbohydrate obtained by the alkaline extraction of various species of brown seaweed, *Phaeophyceae*.

Information Sources: BPC, FCC, MAR, MI, NF

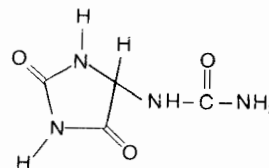
Other Names:

Kelacid (Kelco)  
Norgine  
Satialgine H (Edward Mendell)

## ALLANTOIN

CAS Number: 97-59-6

Definition: Allantoin is a heterocyclic organic compound that conforms to the formula:



Information Sources: CTFA, MAR, MI, USD

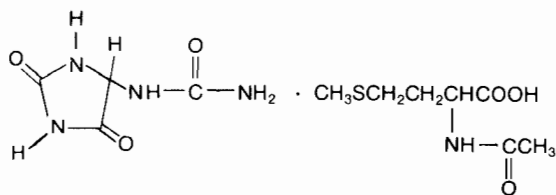
Other Names:

Glyoxyldiureide  
5-Ureidohydantoin

## ALLANTOIN ACETYL METHIONINE

RD Number: 977055-87-0

Definition: Allantoin Acetyl Methionine is the organic compound that conforms generally to the formula:

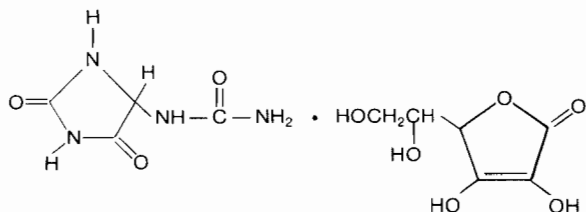
**Other Names:**

Allantoin N-Acetyl-DL-Methionine  
Almeth (*Schuyllkill*)

**ALLANTOIN ASCORBATE**

RD Number: 977064-55-3

**Definition:** Allantoin Ascorbate is the organic compound that conforms generally to the formula:

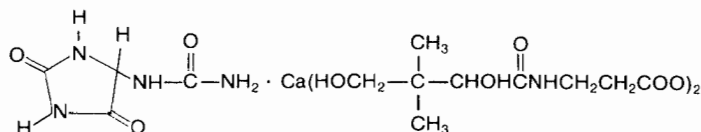
**Other Names:**

Allantoin Vit. C. (*Schuyllkill*)

**ALLANTOIN CALCIUM PANTOTHENATE**

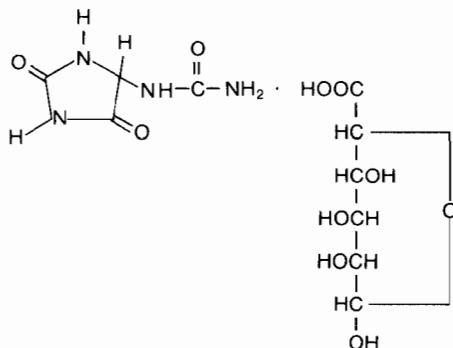
RD Number: 977055-88-1

**Definition:** Allantoin Calcium Pantothenate is the complex of allantoin and calcium pantothenate that conforms generally to the formula:

**ALLANTOIN GALACTURONIC ACID**

RD Number: 977055-89-2

**Definition:** Allantoin Galacturonic Acid is the complex of allantoin and galacturonic acid that conforms generally to the formula:

**Other Names:**

Allantoin Alpha-D-Galacturonic Acid  
Allantoin Galacturonic Acid Complex

**ALLANTOIN PABA**

RD Number: 977064-56-4

**Definition:** Allantoin PABA is a complex of Allantoin (q.v.) and PABA (q.v.).

**Other Names:**

ALPABA (*Schuyllkill*)

**ALLANTOIN POLYGALACTURONIC ACID**

RD Number: 977059-40-7

**Definition:** Allantoin Polygalacturonic Acid is a complex of allantoin and polygalacturonic acid.

**Other Names:**

ALPOLYGAL (*Schuyllkill*)

**ALMOND MEAL**

RD Number: 977052-90-6

**Definition:** Almond Meal is the residue from the expression of oil from the dried ripe seeds of sweet almonds.

**Information Sources:** CTFA

**ALOE**

CAS Number: MX8001-97-6

**Definition:** Aloe is a plant material derived from the leaves of one or more species of *Aloe*.

**Information Sources:** ARG, AUG, BEL, BP, BPC, BRA, DA, DDR, EGY, FI, FIN, HP, HUN, IND, ITA, KOR, MAR, MI, PF, PN, POL, POR, ROM, USD, USP, USSR, YUG, 21CFR121.1163

**Other Names:**

Aloe Vera  
Veragel 200 (*Dr. Madis Labs*)

**ALOE EXTRACT**

RD Number: 977023-61-2

**Definition:** Aloe Extract is an extract of the leaves of one or more species of *Aloe*.

**Information Sources:** FI, FIN, HUN, MAR, PN, USSR, YUG, 21CFR121.1163

**ALOE JUICE**

CAS Number: MX8001-97-6

**Definition:** Aloe Juice is the inspissated juice obtained from the leaves of one or more species of *Aloe*.

**Information Sources:** HP, 21CFR121.1163

**Other Names:**

Aloe Gel  
Veragel Liquid (*Dr. Madis Labs*)

## Althea Extract

### ALTHEA EXTRACT

RD Number: 977062-76-2

*Definition:* Althea Extract is an extract of the roots of *Althea officinalis*.

*Information Sources:* BEL, BRA, CZE, HP, ITA, MEX, MI, POR, YUG, 21CFR121.1163

*Other Names:*  
Marshmallow Root Extract

### ALUMINA

CAS Number: 1344-28-1 (Anhydrous)  
1333-84-2 (Hydrate)

*Definition:* Alumina is an inorganic compound that conforms to the formula:



*Information Sources:* MI, 21CFR8.6011

*Other Names:*  
Aluminum Oxide  
Dispall (*Conoco*)

### ALUMINUM ACETATE SOLUTION

CAS Number: MX8006-13-1

*Definition:* Aluminum Acetate Solution is a solution containing approximately 5% neutral aluminum acetate. It is prepared from a dry mix containing an alkali metal acetate, acetic acid and a dibasic aluminum acetate stabilized with boric acid.

*Information Sources:* BPC, FIN, ITA, MAR, MI, POL, USD, USP, YUG

*Other Names:*  
Burow's Solution

### ALUMINUM BEHENATE

RD Number: 977062-98-8

*Definition:* Aluminum Behenate is an aluminum salt of Behenic Acid (q.v.).

### ALUMINUM CAPRYLATE

RD Number: 977052-92-8

*Definition:* Aluminum Caprylate is a mixture of the aluminum salts of caprylic acid.

*Information Sources:* 21CFR121.1071, 21CFR121.2514

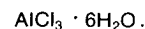
*Other Names:*  
Aluminum Octanoate

### ALUMINUM CHLORIDE

CAS Number: 7446-70-0 (Anhydrous)  
7784-13-6 (Hydrate)

## Aluminum Chlorohydrax

*Definition:* Aluminum Chloride is an inorganic compound that conforms to the formula:



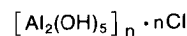
*Information Sources:* BRA, DDR, HUN, MAR, MI, NED, NF, USD

*Other Names:*  
Aluminum Chloride Hexahydrate

### ALUMINUM CHLOROHYDRATE

CAS Number: 1327-41-9

*Definition:* Aluminum Chlorohydrate is an inorganic salt that consists essentially of complex basic aluminum chloride described empirically as



loosely associated with about 2.5 moles of water.

*Information Sources:* CTFA, MAR, MI

*Other Names:*  
Aluminum Chlorhydrate 50% Solution  
Aluminum Chlorhydroxide  
Aluminum Hydroxychloride  
Astringen (*Waverly*)  
Chlorhydrol, Granular (*Reheis*)  
Chlorhydrol, Impalpable (*Reheis*)  
Chlorhydrol 50% Soln (*Reheis*)  
Locron Extra (*American Hoechst*)  
Locron Flakes (*American Hoechst*)  
Locron Powder (*American Hoechst*)  
Locron Solution (*American Hoechst*)  
Micro Dry (*Reheis*)  
Wickenol 303 (*Wickhen*)  
Wickenol 321 (*Wickhen*)  
Wickenol 323 (*Wickhen*)  
Wickenol 324 (*Wickhen*)

### ALUMINUM CHLOROHDREX

RD Number: 977063-61-8

*Definition:* Aluminum Chlorohydrax is a derivative of Aluminum Chlorohydrate (q.v.). It is reported to be a coordination complex of basic aluminum chloride and propylene glycol or polyethylene glycol in which the water molecules normally coordinated to the aluminum in Aluminum Chlorohydrate have been displaced by the glycol resulting in a relatively less polar complex of low water content.

*Information Sources:* CTFA

*Other Names:*  
Aluminum Chlorhydroxide Alcohol Soluble Complex  
Aluminum Chlorohydrol Propylene Glycol Complex  
Rehydrol (*Reheis*)  
Wickenol 363D (*Wickhen*)

## Aluminum Diacetate

### ALUMINUM DIACETATE

CAS Number: 142-03-0

*Definition:* Aluminum Diacetate is the salt of acetic acid that conforms generally to the formula:



*Information Sources:* MI

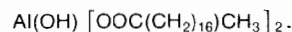
*Other Names:*

Aluminum Hydroxyacetate  
Aluminum Subacetate

### ALUMINUM DISTEARATE

CAS Number: 300-92-5

*Definition:* Aluminum Distearate is an aluminum salt of stearic acid that conforms generally to the formula:



*Information Sources:* CTFA, 21CFR121.1071, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

### ALUMINUM GLYCINATE

CAS Number: 13682-92-3

*Definition:* Aluminum Glycinate is the aluminum salt of glycine that conforms generally to the formula:



*Information Sources:* KOR, MI, NF, USD

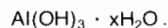
*Other Names:*

Dihydroxyaluminum Aminoacetate

### ALUMINUM HYDROXIDE

CAS Number: 21645-51-2

*Definition:* Aluminum Hydroxide is an inorganic compound that conforms to the formula:



*Information Sources:* CTFA, AUS, CI 77002, CZE, DDR, HP, HUN, IND, M3, MEX, MI, NED, ROM, USD, USP, 21CFR121.101, 21CFR121.2507, 21CFR121.2562

*Other Names:*

Alumina Hydrated  
C-Weiss 1 (*Germany*)  
Germany: C-Weiss 1  
Hydrated Alumina

### ALUMINUM LANOLATE

RD Number: 977055-90-5

## Aluminum Silicate

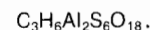
*Definition:* Aluminum Lanolate is the aluminum salt of Lanolin Acid (q.v.)

*Information Sources:* CTFA

### ALUMINUM METHIONATE

RD Number: 977055-91-6

*Definition:* Aluminum Methionate is the aluminum salt of methionic acid that conforms generally to the formula:



### ALUMINUM PHENOLSULFONATE

CAS Number: 1300-35-2

*Definition:* Aluminum Phenolsulfonate is the aluminum salt of p-phenolsulfonic acid that conforms generally to the formula:



*Information Sources:* CTFA

*Other Names:*

Aluminum Sulfocarbonate

### ALUMINUM POWDER

CAS Number: 7429-90-5

*Definition:* Aluminum Powder is a color additive composed of finely divided particles of aluminum.

*Information Sources:* CTFA, BPC, CI 77000, HP, M3, MAR, MI, SWE, USD, 21CFR8.501, 21CFR121.2514, 21CFR121.2520

*Other Names:*

Aluminum (*Sweden*)  
C-Pigment 1 (*Germany*)  
Germany: C-Pigment 1  
Silver #11 (*Atlantic Powdered Metals*)  
Sweden: Aluminum

### ALUMINUM SILICATE

CAS Number: 1327-36-2

*Definition:* Aluminum Silicate is a complex inorganic salt that has a composition consisting generally of 1 mole of  $\text{Al}_2\text{O}_3$  and 1 to 3 moles of  $\text{SiO}_2$ .

*Information Sources:* CI 77004, KOR, MI, PJ, 21CFR8.6006, 21CFR8.8003, 21CFR121.273, 21CFR121.2507, 21CFR121.2514, 21CFR121.2562

*Other Names:*

Kaopolite GC (*Kaopolite*)  
Kaopolite SF (*Kaopolite*)  
Pyrophyllite

## Aluminum Starch Octenylsuccinate

### ALUMINUM STARCH OCTENYLSUCCINATE

RD Number: 977062-99-9

*Definition:* Aluminum Starch Octenylsuccinate is the aluminum salt of the reaction product of octenylsuccinic anhydride with starch.

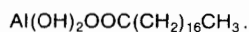
*Other Names:*

Dry Flo (*National Starch*)

### ALUMINUM STEARATE

CAS Number: 637-12-7

*Definition:* Aluminum Stearate is the aluminum salt of stearic acid that conforms generally to the formula:



*Information Sources:* HUN, MAR, MI, USP, WHO, 21CFR121.1071, 21CFR121.1099, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531, 21CFR121.2535.

*Other Names:*

Aluminum Monostearate

Plymouth Aluminum Stearate #222-2B (*Penick*)

Plymouth Aluminum Stearate #351 (*Penick*)

Plymouth Aluminum Stearate #801 (*Penick*)

Plymouth Aluminum Stearate #801-22 (*Penick*)

Plymouth Aluminum Stearate Food Grade  
(*Penick*)

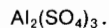
Plymouth Aluminum Stearate #SMO3 (*Penick*)

Witco Aluminum Monostearate U.S.P. (*Witco*)

### ALUMINUM SULFATE

CAS Number: 10043-01-3

*Definition:* Aluminum Sulfate is the inorganic salt that conforms to the formula:



*Information Sources:* AUS, BPC, BRA, DA, DDR, EGY, EP, FCC, FIN, ITA, MAR, MI, PJ, PN, POR, ROM, USP, WHO, YUG, 21CFR121.101

### ALUMINUM TRISTEARATE

RD Number: 977052-93-9

*Definition:* Aluminum Tristearate is the aluminum salt of stearic acid that conforms generally to the formula:



*Information Sources:* MI, 21CFR121.1071, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

*Other Names:*

Witco Aluminum Stearate 132 (*Witco*)

## Aminomethyl Propanediol

### 6-AMINOCAPROIC ACID

CAS Number: 60-32-2

*Definition:* 6-Aminocaproic Acid is the amino acid that conforms to the formula:



*Information Sources:* BP, BPC, DDR, MAR, MI, NF, USD

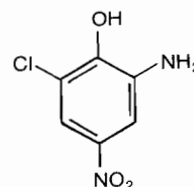
*Other Names:*

$\epsilon$ -Aminocaproic Acid

### 2-AMINO-6-CHLORO-4-NITROPHENOL

RD Number: 977055-92-7

*Definition:* 2-Amino-6-Chloro-4-Nitrophenol is a substituted aromatic compound that conforms to the formula:



### AMINOETHYLACRYLATE PHOSPHATE/ ACRYLATE COPOLYMER

RD Number: 977063-00-5

*Definition:* Aminoethylacrylate Phosphate/Acrylate Copolymer is a polymer of aminoethylacrylate phosphate and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

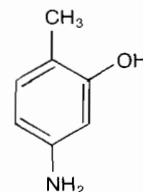
*Other Names:*

Catrex (*National Starch*)

### 4-AMINO-2-HYDROXYTOLUENE

CAS Number: 2835-95-2

*Definition:* 4-Amino-2-Hydroxytoluene is a substituted aromatic compound that conforms to the formula:



*Other Names:*

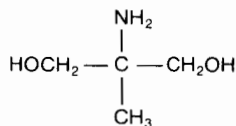
4-Amino-2-Hydroxy-1-Methylbenzene

### AMINOMETHYL PROPANEDIOL

CAS Number: 115-69-5

*Definition:* Aminomethyl Propanediol is a substituted aliphatic diol that conforms to the formula:

## Aminomethyl Propanediol (Cont.)



*Information Sources:* CTFA, MI

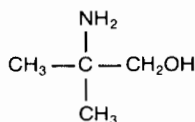
*Other Names:*

2-Amino-2-Methyl-1,3-Propanediol  
AMPD (*Commercial Solvents*)

## AMINOMETHYL PROPANOL

*CAS Number:* 124-68-5

*Definition:* Aminomethyl Propanol is a substituted aliphatic alcohol that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.2520

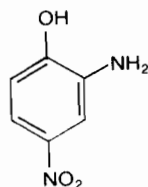
*Other Names:*

2-Amino-2-Methyl-1-Propanol  
AMP Regular (*Commercial Solvents*)

## 2-AMINO-4-NITROPHENOL

*CAS Number:* 99-57-0

*Definition:* 2-Amino-4-Nitrophenol is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI76530

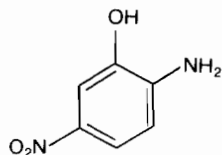
*Other Names:*

4-Nitro-2-Aminophenol

## 2-AMINO-5-NITROPHENOL

*CAS Number:* 121-88-0

*Definition:* 2-Amino-5-Nitrophenol is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI 76535

*Other Names:*

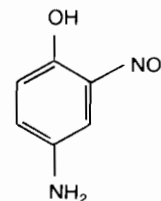
5-Nitro-2-Aminophenol

## p-Aminophenol

### 4-AMINO-2-NITROPHENOL

*CAS Number:* 119-34-6

*Definition:* 4-Amino-2-Nitrophenol is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI 76555

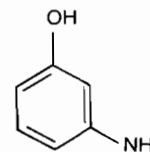
*Other Names:*

o-Nitro-p-Aminophenol

### m-AMINOPHENOL

*CAS Number:* 591-27-5

*Definition:* m-Aminophenol is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI 76545, MI

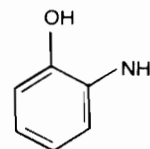
*Other Names:*

3-Aminophenol

### o-AMINOPHENOL

*CAS Number:* 95-55-6

*Definition:* o-Aminophenol is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI 76520, MI

*Other Names:*

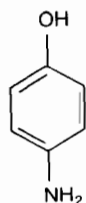
2-Aminophenol

### p-AMINOPHENOL

*CAS Number:* 123-30-8

*Definition:* p-Aminophenol is a substituted aromatic compound that conforms to the formula:

### *p*-Aminophenol (Cont.)



*Information Sources:* CI 76550, MI

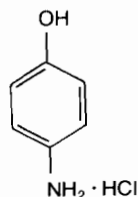
*Other Names:*

4-Aminophenol

### **p-AMINOPHENOL HCl**

*CAS Number:* 51-78-5

*Definition:* *p*-Aminophenol HCl is a substituted aromatic compound that conforms to the formula:



*Information Sources:* CI 76551

### **AMMONIA**

*CAS Number:* 7664-41-7

*Definition:* Ammonia is an inorganic gas that conforms to the formula:



(See also Ammonium Hydroxide).

*Information Sources:* ARG, AUS, BRA, DA, HUN, IND, ITA, MAR, MI, NF, PF, POR, 21CFR121.209, 21CFR212.68a

### **AMMONIUM ACETATE**

*CAS Number:* 631-61-8

*Definition:* Ammonium Acetate is the ammonium salt of acetic acid that conforms to the formula:



*Information Sources:* HP, IND, MAR, MI

### **AMMONIUM ACRYLATES COPOLYMER**

*RD Number:* 977069-06-9

*Definition:* Ammonium Acrylates Copolymer is the ammonium salt of a polymer of two or more monomers consisting of acrylic acid, methacrylic acid or their simple esters.

### **Ammonium C12-15 Alcohols Sulfate**

#### **AMMONIUM ALGINATE**

*CAS Number:* PM9005-34-9

*Definition:* Ammonium Alginate is the ammonium salt of Alginic Acid (q.v.).

*Information Sources:* FCC, 21CFR121.101, 21CFR121.1088

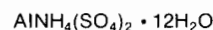
*Other Names:*

Algum B2A (Edward Mendell)

#### **AMMONIUM ALUM**

*CAS Number:* 7784-26-1

*Definition:* Ammonium Alum is an inorganic salt that conforms to the formula:



*Information Sources:* FCC, MAR, MI, NF, USD, 21CFR121.101, 21CFR121.2534

*Other Names:*

Alum

Alum Ammonium

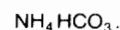
Aluminum Ammonium Sulfate

Ammonium Aluminum Sulfate

#### **AMMONIUM BICARBONATE**

*CAS Number:* 1066-33-7

*Definition:* Ammonium Bicarbonate is an inorganic salt that conforms to the formula:



*Information Sources:* BPC, EGY, FCC, IND, ITA, KOR, MAR, MEX, MI, YUG, 21CFR121.101

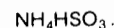
*Other Names:*

Acid Ammonium Carbonate

#### **AMMONIUM BISULFITE**

*CAS Number:* 10192-30-0

*Definition:* Ammonium Bisulfite is an inorganic salt that conforms to the formula:



*Information Sources:* MI

#### **AMMONIUM C12-15 ALCOHOLS SULFATE**

*RD Number:* 977069-07-0

*Definition:* Ammonium C12-15 Alcohols Sulfate is the ammonium salt of the sulfate of C12-15 Alcohols (q.v.).

*Other Names:*

Avirol 200 (Henkel)



## Ammonium Carbonate

### AMMONIUM CARBONATE

CAS Number: MX8000-73-5

*Definition:* Ammonium Carbonate is a mixture of ammonium bicarbonate and ammonium carbonate.

*Information Sources:* ARG, BRA, EGY, FCC, HP, MAR, MI, NF, POR, USD, 21CFR121.101

*Other Names:*  
Hartshorn

### AMMONIUM CHLORIDE

CAS Number: 12125-02-9

*Definition:* Ammonium Chloride is an inorganic salt that conforms to the formula:



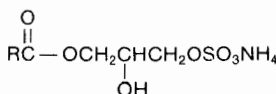
*Information Sources:* AUS, BPC, BRA, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PJ, PN, POR, USD, USP, YUG, 21CFR121.101

*Other Names:*  
Ammonium Muriate  
Sal Ammoniac

### AMMONIUM COCOMONOGLYCERIDE SULFATE

RD Number: 977063-01-6

*Definition:* Ammonium Cocomonoglyceride Sulfate is the compound that conforms generally to the formula:

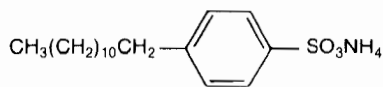


where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the coconut acid radical.

### AMMONIUM DODECYLBENZENE-SULFONATE

CAS Number: 1331-61-9

*Definition:* Ammonium Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



*Other Names:*  
Ammonium Lauryl Benzene Sulfonate  
Conco AAS-50 (Continental Chemical)

## Ammonium Laureth Sulfate

### AMMONIUM GLYCYRRHIZATE

CAS Number: 1407-03-0

*Definition:* Ammonium Glycyrrhizate is the ammonium salt of Glycyrrhizic Acid (q.v.).

*Information Sources:* MI

*Other Names:*  
Ammonium Glycyrrhizinate

### AMMONIUM HYDROXIDE

CAS Number: 1336-21-6

*Definition:* Ammonium Hydroxide is an inorganic base that conforms to the formula:



*Information Sources:* FCC, HP, MI, NF, 21CFR121.101

*Other Names:*  
Ammonia Solution, Strong  
Ammonia Water  
Aqua Ammonium  
Spirit of Hartshorn

### AMMONIUM IODIDE

CAS Number: 12027-06-4

*Definition:* Ammonium Iodide is an inorganic salt that conforms to the formula:



*Information Sources:* HP, MAR, MI, NED, POR

### AMMONIUM ISOSTEARATE

RD Number: 977069-85-4

*Definition:* Ammonium Isostearate is the ammonium salt of Isostearic Acid (q.v.).

### AMMONIUM LAURETH SULFATE

RD Number: 977052-96-2

*Definition:* Ammonium Laureth Sulfate is the ammonium salt of ethoxylated lauryl sulfate that conforms to the formula:



where n has an average value of 1 to 4.

*Information Sources:* CTFA, SNPF

*Other Names:*  
Afron (Audel)  
Ammonium Lauryl Ether Sulfate  
Carsonol SES-A (Carson)  
Conco Sulfate WEM (Continental Chemical)  
Conco Sulfate 216 (Continental Chemical)  
Cycloryl MA 330 (Cyclo)

## Ammonium Laureth Sulfate (Cont.)

Cycloryl MA 360 (*Cyclo*)  
Cycloryl MD (*Witco/Cyclo Div*)  
Cycloryl M3D (*Witco/Cyclo Div*)  
Cycloryl M3D2 (*Witco/Cyclo Div*)  
Cycloryl M3D60 (*Witco/Cyclo Div*)  
Maprofix MB (*Onyx*)  
Maprofix MBO (*Onyx*)  
Richonol S-1300 (*Richardson*)  
Sipon EA (*Alcolac*)  
Sipon EAC (*Alcolac*)  
Standapol EA-1 (*Henkel*)  
Standapol EA-2 (*Henkel*)  
Standapol EA-3 (*Henkel*)  
Steol CA-460 (*Stepan*)  
Sterling ES 600 (*Canada Packers*)

### AMMONIUM LAURETH-7 SULFATE

RD Number: 977063-02-7

*Definition:* Ammonium Laureth-7 Sulfate is the ammonium salt of ethoxylated lauryl sulfate that conforms to the formula:



where n has an average value of 7.

*Other Names:*

Steol CA-760 (*Stepan*)

### AMMONIUM LAURETH-12 SULFATE

RD Number: 977069-08-1

*Definition:* Ammonium Laureth-12 Sulfate is the ammonium salt of ethoxylated lauryl sulfate that conforms to the formula:



where n has an average value of 12.

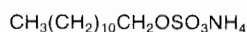
*Other Names:*

Standapol 230-E (*Henkel*)

### AMMONIUM LAURYL SULFATE

CAS Number: 2235-54-3

*Definition:* Ammonium Lauryl Sulfate is the ammonium salt of lauryl sulfate that conforms to the formula:



*Information Sources:* CTFA, SNPF, 21CFR121.2507, 21CFR 121.2526

*Other Names:*

Carsonol ALS (*Carson*)  
Carsonol ALS Special (*Carson*)  
Conco Sulfate A (*Continental Chemical*)  
Cycloryl MA (*Witco/Cyclo Div*)  
Dodecyl Ammonium Sulfate

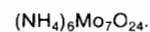
## Ammonium Nonoxynol-4 Sulfate

Emersal 6430 (*Malmstrom*)  
Maprofix NH (*Onyx*)  
Maprofix NHL (*Onyx*)  
Orvus K Liquid (*Procter & Gamble*)  
Richonol AM (*Richardson*)  
Sipon L22 (*Alcolac*)  
Standapol A (*Henkel*)  
Stepanol AM (*Stepan*)  
Sterling AM (*Canada Packers*)  
Sulfotex WAA (*Textilana*)  
Texapon A-400 (*Henkel*)

### AMMONIUM MOLYBDATE

CAS Number: 12027-67-7

*Definition:* Ammonium Molybdate is the inorganic salt that conforms to the formula:

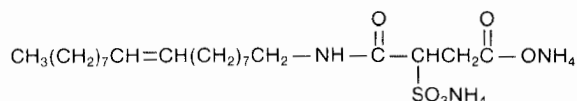


*Information Sources:* MI

### AMMONIUM MONOLEAMIDO-SULFOSUCCINATE

RD Number: 977055-96-1

*Definition:* Ammonium Monooleamidulosulfosuccinate is the diammonium salt of the mono-oleyl amide of sulfosuccinic acid. It conforms generally to the formula:



*Other Names:*

Standapol SH-200 (*Henkel*)

### AMMONIUM MYRETH SULFATE

RD Number: 977063-03-8

*Definition:* Ammonium Myreth Sulfate is the ammonium salt of ethoxylated myristyl sulfate that conforms to the formula:



where n has an average value of 1 to 4.

*Other Names:*

Ammonium Myristyl Ether Sulfate  
Conco Sulfate 444 (*Continental Chemical*)  
Standapol EA-40 (*Henkel*)

### AMMONIUM NONOXYNOL-4 SULFATE

RD Number: 977060-75-5

*Definition:* Ammonium Nonoxynol-4 Sulfate is the ammonium salt of sulfated Nonoxynol-4 (q.v.).

*Other Names:*

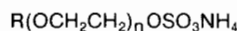
Alipal CO-436 (*GAF*)  
Neocol 2040-X (*Waverly*)

## Ammonium Pareth-25 Sulfate

### AMMONIUM PARETH-25 SULFATE

RD Number: 977064-04-2

*Definition:* Ammonium Pareth-25 Sulfate is the ammonium salt of a sulfated glycol ether of a mixture of synthetic C12-15 fatty alcohols. It conforms generally to the formula:



where R represents the C12-15 alcohol and n averages between 1 and 4.

*Other Names:*

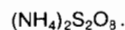
Avirol BOD 253 (*Henkel*)

Ultra Sulfate AE-3 (*Witco*)

### AMMONIUM PERSULFATE

CAS Number: 7727-54-0

*Definition:* Ammonium Persulfate is an inorganic salt that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.2507, 21CFR121.2520

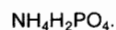
*Other Names:*

Ammonium Peroxydisulfate

### AMMONIUM PHOSPHATE

CAS Number: 7722-76-1

*Definition:* Ammonium Phosphate is an inorganic salt that conforms to the formula:



*Information Sources:* FCC, MI, 21CFR121.101

*Other Names:*

Ammonium Dihydrogen Phosphate

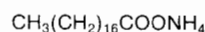
Ammonium Phosphate, Monobasic

Monoammonium Phosphate

### AMMONIUM STEARATE

CAS Number: 1002-89-7

*Definition:* Ammonium Stearate is the ammonium salt of stearic acid. It conforms generally to the formula:



*Information Sources:* MI

### AMMONIUM STYRENE/ACRYLATE COPOLYMER

RD Number: 977069-09-2

*Definition:* Ammonium Styrene/ Acrylate Copolymer is the ammonium salt of a polymer of styrene and a

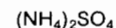
## Ammonium Xylene Sulfonate

monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

### AMMONIUM SULFATE

CAS Number: 7783-20-2

*Definition:* Ammonium Sulfate is an inorganic salt that conforms to the formula:

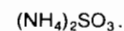


*Information Sources:* FCC, MI, 21CFR121.101, 21CFR121.2507

### AMMONIUM SULFITE

CAS Number: 10196-04-6

*Definition:* Ammonium Sulfite is an inorganic salt that conforms to the formula:



*Information Sources:* MI

### AMMONIUM THIOGLYCOLATE

CAS Number: 5421-46-5

*Definition:* Ammonium Thioglycolate is the ammonium salt of glycolic acid that conforms to the formula:



*Information Sources:* CTFA

*Other Names:*

Ammonium Mercaptoacetate

### AMMONIUM VINYL ACETATE/ACRYLATES COPOLYMER

RD Number: 977062-74-0

*Definition:* Ammonium Vinyl Acetate/ Acrylates Copolymer is the ammonium salt of a polymer of vinyl acetate and two or more monomers consisting of acrylic acid, methacrylic acid or their simple esters.

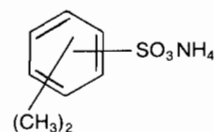
*Other Names:*

Resyn 2261 (*National Starch*)

### AMMONIUM XYLENE SULFONATE

RD Number: 977055-97-2

*Definition:* Ammonium Xylene Sulfonate is the ammonium salt of ring sulfonated mixed xylene isomers that conforms generally to the formula:



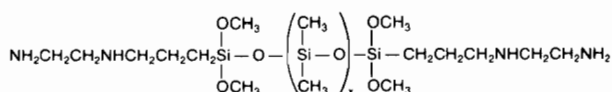
## Other Names:

Richonate AXS (Richardson)  
 Stepanate AM (Stepan)  
 Ultra NXS (Witco)

**AMODIMETHICONE**

RD Number: 977069-10-5

**Definition:** Amodimethicone is a silicone polymer end blocked with amino functional groups. It conforms generally to the formula:



where x has a value of 4 or more.

**AMP ISOSTEARIC HYDROLYZED ANIMAL PROTEIN**

**Definition:** AMP Isostearic Hydrolyzed Animal Protein is the aminomethyl propanol salt of Isostearic Hydrolyzed Animal Protein (q.v.).

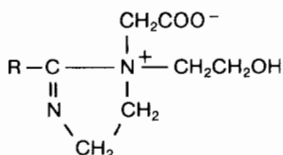
## Other Names:

Crotein AD (Croda)  
 Crotein ADX (Croda)

**AMPHOTERIC-1**

RD Number: 977055-98-3

**Definition:** Amphoteric-1 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



where R is derived from the coconut fatty radical.

**Information Sources:** CTFA

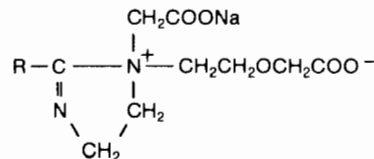
## Other Names:

Amphoterge K (Lonza)  
 Amphoterge W (Lonza)  
 Antaron FC-34 (GAF)  
 Miranol CM Conc. (Miranol)  
 Miranol CM Conc. N.P. (Miranol)  
 Miranol CM-SF Conc. (Miranol)  
 Rewopon AM-C (Rewo)

**AMPHOTERIC-2**

RD Number: 977055-99-4

**Definition:** Amphoteric-2 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



where R is derived from the coconut fatty radical.

**Information Sources:** CTFA

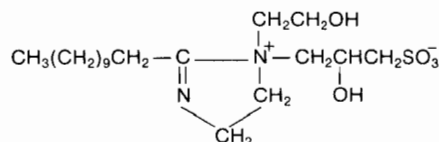
## Other Names:

Amphoterge K-2 (Lonza)  
 Amphoterge W-2 (Lonza)  
 Emcol CMCD (Witco)  
 Miranol C2M Conc. (Miranol)  
 Miranol C2M Conc. N.P. (Miranol)  
 Miranol C2M-SF Conc. (Miranol)  
 Rewopon AM-2C (Rewo)

**AMPHOTERIC-3**

RD Number: 977056-00-0

**Definition:** Amphoteric-3 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



**Information Sources:** CTFA

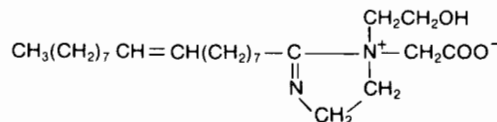
## Other Names:

Miranol HS Conc. (Miranol)

**AMPHOTERIC-4**

RD Number: 977063-67-4

**Definition:** Amphoteric-4 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



## Other Names:

Miranol OM-SF Conc. (Miranol)

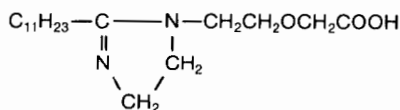
**AMPHOTERIC-5**

RD Number: 977056-01-1

**Definition:** Amphoteric-5 is a long chain imidazoline type of zwitterion described by a manufacturer to be a sodium trideceth sulfate derivative of Amphoteric-2. It is reported to conform generally to the formula:



## Amphoteric-11 (Cont.)



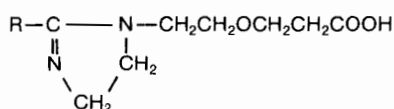
### Other Names:

Monateric CA-35 (*Mona*)  
2-Undecyl-1-Hydroxyethyl Propanoic Acid  
Imidazoline

## AMPHOTERIC-12

RD Number: 977056-06-6

**Definition:** Amphoteric-12 is the amphoteric organic compound that conforms generally to the formula:



where R is derived from isostearic acid.

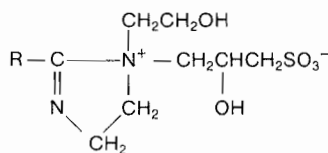
### Other Names:

2-Isoheptadecyl-1-Hydroxyethyl Propanoic  
Acid Imidazoline  
Monateric ISA-Cl (*Mona*)  
Monateric ISA-35 (*Mona*)

## AMPHOTERIC-13

RD Number: 977056-07-7

**Definition:** Amphoteric-13 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



where R is derived from the coconut fatty radical.

Information Sources: CTFA

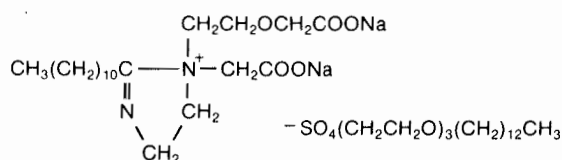
### Other Names:

Amphoteric KS (*Lonza*)  
Amphoterger SB (*Lonza*)  
Miranol CS Conc. (*Miranol*)

## AMPHOTERIC-14

RD Number: 977056-08-8

**Definition:** Amphoteric-14 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



## Amphoteric-18

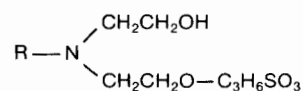
### Other Names:

Miranol 2MHT Mod. (*Miranol*)

## AMPHOTERIC-15

RD Number: 977056-09-9

**Definition:** Amphoteric-15 is the amphoteric organic compound that conforms generally to the formula:

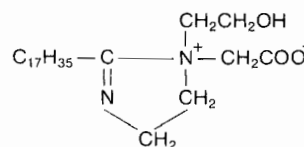


where R represents the coconut fatty radicals.

## AMPHOTERIC-16

RD Number: 977063-63-0

**Definition:** Amphoteric-16 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



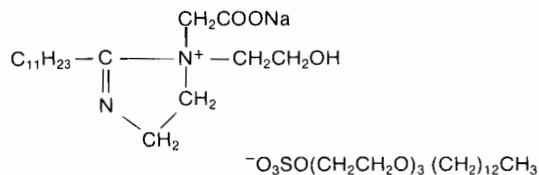
### Other Names:

Amphoterger S (*Lonza*)  
Miranol DM (*Miranol*)

## AMPHOTERIC-17

RD Number: 977063-64-1

**Definition:** Amphoteric-17 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



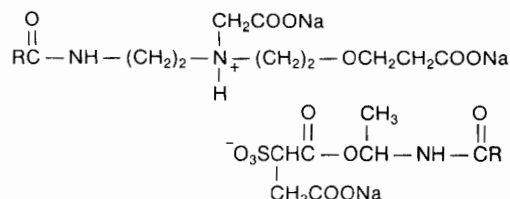
### Other Names:

Miranol MHT (*Miranol*)

## AMPHOTERIC-18

RD Number: 977063-65-2

**Definition:** Amphoteric-18 is the amphoteric organic compound that conforms generally to the formula:



## Amphoteric-18 (Cont.)

where  $\text{RC}(=\text{O})$ - represents a C8-C18 acyl group.

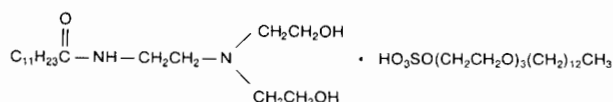
### Other Names:

Monateric 805 (*Mona*)

## AMPHOTERIC-19

RD Number: 977063-66-3

**Definition:** Amphoteric-19 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



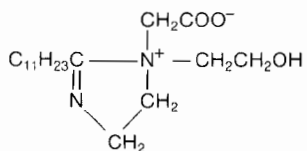
### Other Names:

Compound TL (*Miranol*)

## AMPHOTERIC-20

RD Number: 977068-14-6

**Definition:** Amphoteric-20 is a long chain imidazoline type of zwitterion described by a manufacturer to conform generally to the formula:



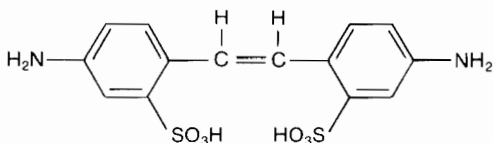
### Other Names:

Miranol HM Conc. N.P. (*Miranol*)

## AMSONIC ACID

CAS Number: 81-11-8

**Definition:** Amsonic Acid is the aromatic compound that conforms to the formula:



Information Sources: MI

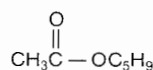
### Other Names:

4,4'-Diaminostilbene-2,2'-Disulfonic Acid

## AMYL ACETATE

CAS Number: 628-63-1

**Definition:** Amyl Acetate is an ester of a five carbon alcohol and acetic acid. It conforms generally to the formula:



## Anethole

Information Sources: BP, MI, 21CFR121.2520

## AMYLASE

CAS Number: PM9000-92-4

**Definition:** Amylase is a mixture of enzymes that catalyze the hydrolysis of  $\alpha$ -1-4 glycosidic linkages of polysaccharides.

Information Sources: MAR, MI, USD

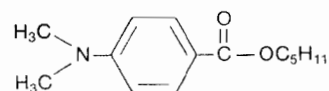
### Other Names:

Mylase 100  
Rapidase 2M (*Wallerstein*)

## AMYL DIMETHYL PABA

CAS Number: 21245-01-2

**Definition:** Amyl Dimethyl PABA is the ester of amyl alcohol and p-dimethylaminobenzoic acid. It conforms to the formula:



Information Sources: CTFA, MAR, USAN

### Other Names:

Amyl p-Dimethylaminobenzoate  
Escalol 506 (*Van Dyk*)  
Padimate  
Padimate A

## AMYLOPECTIN

RD Number: 977056-10-2

**Definition:** Amylopectin is the branched chain polysaccharide portion of starch.

Information Sources: MI

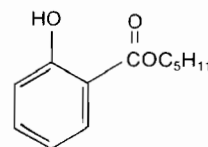
### Other Names:

Kosol

## AMYL SALICYLATE

CAS Number: 2050-08-0

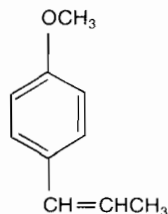
**Definition:** Amyl Salicylate is the ester of amyl alcohol and salicylic acid that conforms to the formula:



## ANETHOLE

CAS Number: 104-46-1

**Definition:** Anethole is the substituted aromatic ether that conforms to the formula:



*Information Sources:* BRA, FCC, KOR, MAR, MI, USP, 21CFR121.101

*Other Names:*

1-Methoxy-4-Propenylbenzene

## ANIMAL PROTEIN DERIVATIVE

*Definition:* Animal Protein Derivative is a polypeptide derived from animal protein that has been modified to produce an anhydrous alcohol soluble material.

*Other Names:*

Crotein ASC (*Croda*)  
Hydro-Pro 220 (*Stepan*)  
Hydro-Pro 230 (*Stepan*)  
Polypeptide AAS (*Stepan*)  
Polypeptide AAS 20% (*Stepan*)  
Polypeptide AAS 25% (*Stepan*)

## ANISE OIL

*CAS Number:* MX8007-70-3

*Definition:* Anise Oil is the oil derived from the dried ripe fruit of *Pimpinella anisum* or *Illicium verum*.

*Information Sources:* AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HUN, IND, MAR, MEX, PF, PN, POL, POR, ROM, USP, USSR, YUG, 21CFR121.101

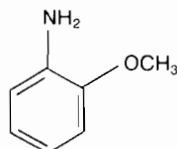
*Other Names:*

Aniseed Oil  
Oil of Anise

## o-ANISIDINE

*CAS Number:* 90-04-0

*Definition:* o-Anisidine is the substituted aromatic amine that conforms to the formula:

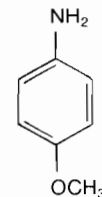


*Information Sources:* MI

## p-ANISIDINE

*CAS Number:* 104-94-9

*Definition:* p-Anisidine is the substituted aromatic amine that conforms to the formula:



*Information Sources:* MI

## ANNATTO

*CAS Number:* MX8015-67-6

*Definition:* Annatto is the coloring matter from the seeds of *Bixa orellana*.

*Information Sources:* C175120, EEC E160b, M3, MI, 21CFR8.305, 21CFR8.501, 21CFR8.6003

*Other Names:*

C-Orange 12 (*Germany*)  
Germany: C-Orange 12

## ANTIMONY POTASSIUM TARTRATE

*CAS Number:* 304-61-0

*Definition:* Antimony Potassium Tartrate is the metallic salt of tartaric acid that conforms to the formula:



*Information Sources:* AUS, BP, BPC, BRA, FIN, HP, ITA, MEX, MI, PF, PN, ROM, USD, USP

*Other Names:*

Tartar Emetic

## APRICOT EXTRACT

*RD Number:* 977060-06-2

*Definition:* Apricot Extract is an extract of apricot fruit.

## APRICOT KERNEL OIL

*RD Number:* 977006-46-4

*Definition:* Apricot Kernel Oil is the oil expressed from the kernels of varieties of *Prunus armeniaca*.

*Information Sources:* MAR, MI, NF, USD, 21CFR121.101



**Other Names:**

Lipovol P (*Lipo*)  
Persic Oil

**ARACHIDONIC ACID**

RD Number: 977005-80-3

**Definition:** Arachidonic Acid is a polyunsaturated fatty acid conforming generally to the formula:



**Information Sources:** MI

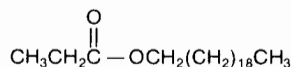
**Other Names:**

5,8,11,14-Eicosatetraenoic Acid

**ARACHIDYL PROPIONATE**

RD Number: 977068-91-9

**Definition:** Arachidyl Propionate is the ester of arachidyl alcohol and n-propionic acid. It conforms to the formula:

**Other Names:**

Waxenol 801 (*Wickhen*)

**ARNICA**

RD Number: 977000-27-3

**Definition:** Arnica is a plant material derived from the dried flowerheads, roots or rhizomes of *Arnica montana*.

**Information Sources:** AUS, DA, DDR, HP, MAR, MI, NFXI, PF, POL, POR, ROM, USD, 21CFR121.1163

**ARNICA EXTRACT**

CAS Number: MX8057-65-6

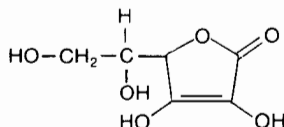
**Definition:** Arnica Extract is an extract of the dried flowerheads of *Arnica montana*.

**Information Sources:** CTFA, HP, 21CFR121.1163

**ASCORBIC ACID**

CAS Number: 50-81-7

**Definition:** Ascorbic Acid is a vitamin that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EP, FCC, FIN, IND, ITA,

CTFA Cosmetic Ingredient Dictionary

MAR, MEX, MI, PF, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, WHO, YUG, 21CFR121.101

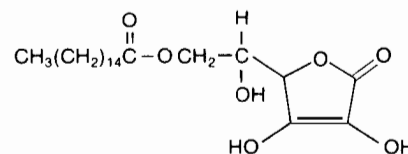
**Other Names:**

Vitamin C

**ASCORBYL PALMITATE**

CAS Number: 137-66-6

**Definition:** Ascorbyl Palmitate is the ester of Ascorbic Acid (q.v.) and palmitic acid. It conforms to the formula:

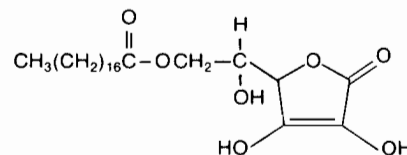


**Information Sources:** CTFA, FCC, MAR, NF, 21CFR121.101

**ASCORBYL STEARATE**

RD Number: 977056-11-3

**Definition:** Ascorbyl Stearate is the ester of Ascorbic Acid (q.v.) and stearic acid. It conforms generally to the formula:

**ATTAPULGITE**

CAS Number: 1337-76-4

**Definition:** Attapulgit is a variety of Fuller's Earth (q.v.) found typically near Attapulgas, Georgia. It is characterized by having a chain structure rather than the usual sheet structure of other clay minerals.

**Information Sources:** ITA

**Other Names:**

Attasorb RVM (*Engelhard Minerals*)  
Pharmasorb Colloidal (*Engelhard Minerals*)

**AVOCADO OIL**

CAS Number: MX8024-32-6

**Definition:** Avocado Oil is the oil obtained by pressing the dehydrated sliced flesh of the avocado pear *Persea americana*. It consists principally of the glycerides of fatty acids.

**Information Sources:** CTFA

**Other Names:**

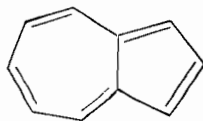
Alligator Pear Oil  
Lipoval A (*Lipo*)

## Azulene

### AZULENE

*CAS Number:* 275-51-4

*Definition:* Azulene is an organic compound that conforms to the formula:



*Information Sources:* MI

**BALM MINT EXTRACT**

*Definition:* Balm Mint Extract is an extract of the leaves and tops of *Melissa officinalis*.

*Information Sources:* 21CFR121.101

**BALM MINT OIL**

*Definition:* Balm Mint Oil is a volatile oil obtained from the leaves and tops of *Melissa officinalis*.

*Information Sources:* MAR, YUG, 21CFR121.101

*Other Names:*

Lemon Balm  
Oil of Balm  
Oil of Melissa

**BALSAM CANADA**

*CAS Number:* MX8007-47-4

*Definition:* Balsam Canada is the liquid oleoresin obtained from *Abies balsamea*.

*Information Sources:* MI

*Other Names:*

Balsam of Fir  
Canadian Balsam

**BALSAM PERU**

*CAS Number:* MX8016-42-0

*Definition:* Balsam Peru is the oil extracted from Peruvian Balsam obtained from *Myroxylon pereirae*.

*Information Sources:* ARG, AUS, BEL, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HP, HUN, MAR, MI, NFXIII, PF, PN, POL, POR, ROM, SNPF, USD, YUG, 21CFR121.101

*Other Names:*

Balsam of Peru  
Peruvian Balsam

**BALSAM TOLU**

*CAS Number:* MX8011-89-0

*Definition:* Balsam Tolu is the resin derived from *Toluiifera balsamam*.

*Information Sources:* ARG, AUS, BEL, BP1971, BPC, BRA, EGY, FI, IND, ITA, MAR, MEX, MI, PF, POR, ROM, USD, USP, YUG

*Other Names:*

Resin Tolu  
Tolu Resin

**BARIUM SULFATE**

*CAS Number:* 7727-43-7

*Definition:* Barium Sulfate is an inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CI 77120, CZE, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.2514, 21CFR121.2520, 21CFR121.2562

*Other Names:*

Blanc Fixe

**BARLEY FLOUR**

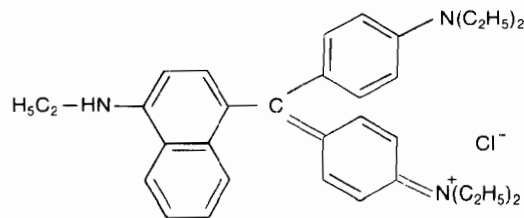
*RD Number:* 977058-61-9

*Definition:* Barley Flour is the ground seed of the cereal grass genus *Hordeum* which may include *H. vulgare*, *H. distichum* and *H. sativum*.

**BASIC BLUE 7**

*CAS Number:* 2390-60-5

*Definition:* Basic Blue 7 is classed chemically as a triarylmethane color that conforms to the formula:



*Information Sources:* C I42595

*Other Names:*

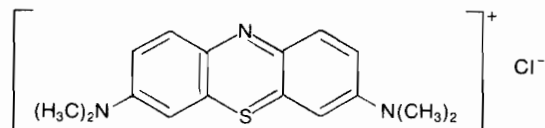
Victoria Pure Blue BO (*DuPont*)

**BASIC BLUE 9**

*CAS Number:* 61-73-4

*Definition:* Basic Blue 9 is the color that conforms to the formula:

## Basic Blue 9 (Cont.)



*Information Sources:* AUS, BP, BPC, BRA, CI 52015  
DA, EGY, HUN, ITA, MAR, MI, PF, PJ, USD,  
USP, USSR, YUG

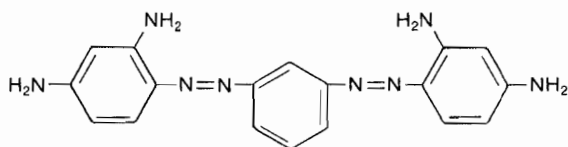
*Other Names:*

Ext. D & C Blue No. 1 (Formerly)  
Methylene Blue  
Methylene Blue 2B Conc (Sandoz)

## BASIC BROWN 1

*CAS Number:* 1052-38-6

*Definition:* Basic Brown 1 is classed chemically as a disazo color. It conforms to the formula:



*Information Sources:* CI 21000, MI

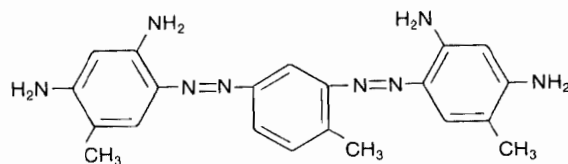
*Other Names:*

Bismarck Brown G Extra Conc (Sandoz)

## BASIC BROWN 4

*CAS Number:* 4482-25-1

*Definition:* Basic Brown 4 is classed chemically as a disazo color. It conforms to the formula:



*Information Sources:* CI 21010, MI

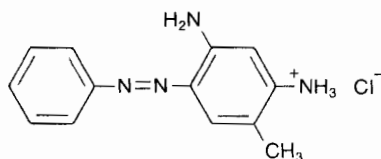
*Other Names:*

Bismarck Brown R Conc (Sandoz)

## BASIC ORANGE 1

*CAS Number:* 4438-16-8

*Definition:* Basic Orange 1 is classed chemically as a monoazo color. It conforms to the formula:



*Information Sources:* CI 11320

## Basic Violet 1

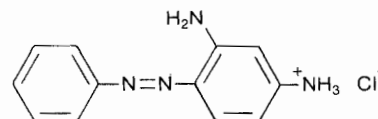
*Other Names:*

Chrysoidine R

## BASIC ORANGE 2

*CAS Number:* 532-82-1

*Definition:* Basic Orange 2 is classed chemically as a monoazo color. It conforms to the formula:



*Information Sources:* CI 11270, MI

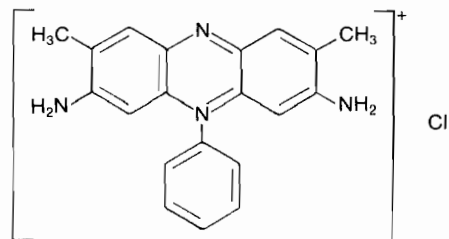
*Other Names:*

Chrysoidine  
Chrysoidine Y Extra Conc (Sandoz)

## BASIC RED 2

*CAS Number:* 477-73-6

*Definition:* Basic Red 2 is the color that conforms to the formula:



*Information Sources:* CI 50240

*Other Names:*

Safranine T  
Safranine Y Conc (Sandoz)

## BASIC VIOLET 1

*CAS Number:* MX8004-87-3

*Definition:* Basic Violet 1 is classed chemically as a triarylmethane color. It is a mixture of methylated pararosanilines consisting principally of the tetra-, penta-, and hexamethyl derivatives.

*Information Sources:* AUS, CI 42535, FIN, MAR,  
YUG, 21CFR212.83a

*Other Names:*

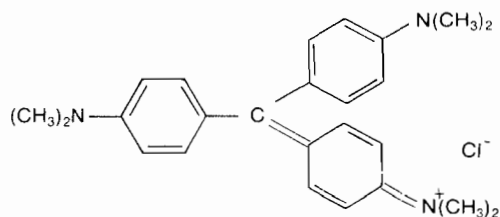
Gentian Violet  
Methyl Violet

## Basic Violet 3

### BASIC VIOLET 3

CAS Number: 584-62-9

**Definition:** Basic Violet 3 is classed chemically as a triarylmethane color. It conforms to the formula:



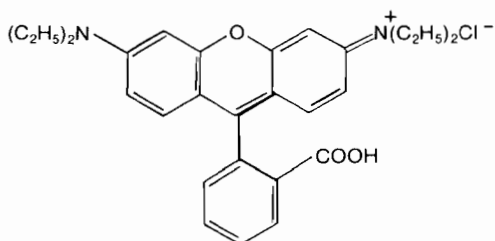
**Information Sources:** BP, BPC, BRA, CI 42555, CZE, EGY, MAR, MEX, MI, PF, PN, USD, USP

**Other Names:**  
Crystal Violet  
Gentian Violet (Pharm)

### BASIC VIOLET 10

CAS Number: 81-88-9

**Definition:** Basic Violet 10 is a color classed chemically as a xanthenone color. It conforms to the formula:



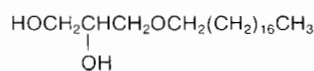
The stearate of this color is Solvent Red 49:1. The name Basic Violet 10 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 19.

**Information Sources:** CI 45170, JC, M3, MI

### BATYL ALCOHOL

CAS Number: 544-62-7

**Definition:** Batyl Alcohol is the monoctadecyl ether of glycerin that conforms to the formula:



**Information Sources:** MI

**Other Names:**  
3-(Octadecyloxy)-1,2-Propanediol

## Behenamidopropyl Dimethylamine

### BAYBERRY WAX

CAS Number: MX8038-77-5

**Definition:** Bayberry Wax is a waxy solid occurring naturally as the covering of the berries of a variety of the wax myrtle shrub or tree. It consists essentially of tripalmitin and other esters of palmitic, myristic and lauric acids.

**Information Sources:** CTFA, HP, MI

**Other Names:**  
Myrtle Wax

### BAY OIL

CAS Number: MX8006-78-8

**Definition:** Bay Oil is the volatile oil distilled from leaves of *Pimenta acris* and *Myrcia acris*.

**Information Sources:** FCC, MAR, MI, 21CFR121.101

**Other Names:**  
Myrcia Oil  
Oil of Bay Terpeneless

### BEESWAX

CAS Number: MX8006-40-4 (White)  
MX8012-89-3 (Yellow)

**Definition:** Beeswax is the purified wax from the honeycomb of the bee, *Apis mellifera*, free from all other waxes. It is commonly named white wax when bleached and yellow wax when not bleached.

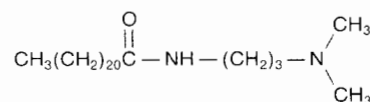
**Information Sources:** ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PJ, PN, POL, POR, ROM, SNPF, USD, USP, USSR, YUG, 21CFR121.101, 21CFR121.1163

**Other Names:**  
B Wax (*International Wax*)  
BB (*Theodore Leonhard*)  
Beeswax, White  
Beeswax, Yellow  
Mismo Beeswax (*International Wax*)  
Pioneer (*Theodore Leonhard*)  
TL (*Theodore Leonhard*)

### BEHENAMIDOPROPYL DIMETHYLAMINE

RD Number: 977063-18-5

**Definition:** Behenamidopropyl Dimethylamine is the amidoamine that conforms to the formula:



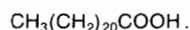
**Other Names:**  
Betamid B-10 (*Beta*)  
Dimethylaminopropyl Behenamide  
Tegamine B-13 (*Inolex*)

## Behenic Acid

### BEHENIC ACID

CAS Number: 112-85-6

**Definition:** Behenic Acid is a mixture of fatty acids consisting predominantly of n-docosanoic acid. It conforms to the formula:



**Information Sources:** CTFA, MI

**Other Names:**

Docosanoic Acid

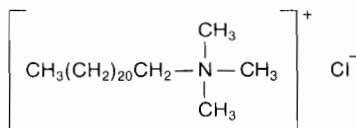
Glycon B-70 (*Glyco*)

Hystrene 9022 (*Humko Sheffield*)

### BEHENTRIMONIUM CHLORIDE

RD Number: 977063-68-5

**Definition:** Behentrimonium Chloride is the quaternary ammonium salt that conforms to the formula:



**Other Names:**

Genamin KDM (*American Hoechst*)

### BENTONITE

CAS Number: 1302-78-9

**Definition:** Bentonite is a native hydrated colloidal aluminum silicate clay.

**Information Sources:** AUS, BP, BPC, CI 77004, CZE, IND, ITA, MAR, MI, PJ, SNPF, USD, USP, 21CFR121.101, 21CFR121.2514, 21CFR121.2520

**Other Names:**

Albagen Premium USP 4444 (*Whittaker, Clark & Daniels*)

Bentolite L 4435 (*Whittaker, Clark & Daniels*)

Bentonite USP, BC 670 (*Whittaker, Clark & Daniels*)

Bentonite 2073 (*Whittaker, Clark & Daniels*)

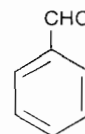
Soap Clay

### BENZALDEHYDE

CAS Number: 100-52-7

**Definition:** Benzaldehyde is an aromatic organic aldehyde that conforms to the formula:

## Benzethonium Chloride



**Information Sources:** BPC, BRA, FCC, FIN, HUN, MAR, MEX, MI, NED, NFXIII, POR, ROM, USP, 21CFR121.101

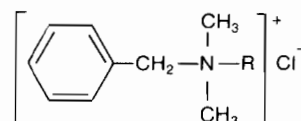
**Other Names:**

Artificial Almond Oil

### BENZALKONIUM CHLORIDE

CAS Number: MX8001-54-5

**Definition:** Benzalkonium Chloride is a mixture of alkylbenzyltrimethylammonium chlorides that conforms generally to the formula:



where R represents a mixture of alkyls, including all or some of the group beginning with capryl and extending through higher homologs with lauryl, myristyl and cetyl predominating.

**Information Sources:** AUS, BP, BRA, HUN, ITA, MAR, MEX, MI, NFJ, PJ, PN, POR, USD, USP, 21CFR121.2520

**Other Names:**

Alkyldimethylbenzylammonium Chloride (*USP*)

Barquat MB-50 (*Lonza*)

Barquat MB-80 (*Lonza*)

BTC 50 (*Onyx*)

BTC 50 USP (*Onyx*)

Cycloton B50 (*Witco/Cyclo Div*)

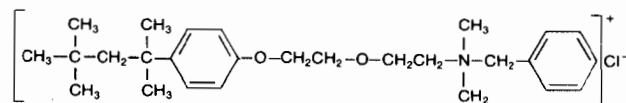
Roccal (*Hilton-Davis*)

Zephiran Chloride (*Winthrop*)

### BENZETHONIUM CHLORIDE

CAS Number: 121-54-0

**Definition:** Benzethonium Chloride is the quaternary salt that conforms generally to the formula:



**Information Sources:** BRA, MAR, MI, NF, NFJ, PF, USD

**Other Names:**

Diisobutyl Phenoxy Ethoxy Ethyl Dimethyl

Benzyl Ammonium Chloride

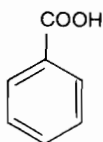
Hyamine 1622 (*Rohm & Haas*)

## Benzoic Acid

### BENZOIC ACID

CAS Number: 65-85-0

*Definition:* Benzoic Acid is an aromatic organic acid that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PN, POR, SNPF, USD, USP, WHO, YUG, 21CFR121.101

### BENZOIN

CAS Number: PM9000-05-9

*Definition:* Benzoin is the balsamic resin obtained from various *Styrax* species.

*Information Sources:* AUS, BEL, BPC, BRA, EGY, FI, FIN, HP, HUN, IND, MAR, MEX, MI, PF, POR, ROM, SNPF, USD, USP, 21CFR121.1163

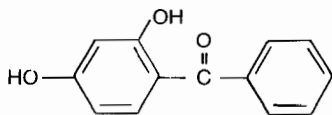
*Other Names:*

Benzoin Gum  
Gum Benzoin Siam  
Gum Sumatra  
Siam Benzoin  
Sumatra Benzoin

### BENZOPHENONE-1

CAS Number: 131-56-6

*Definition:* Benzophenone-1 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA, MI

*Other Names:*

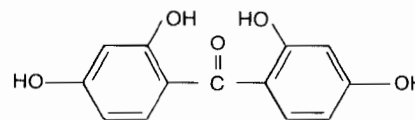
Benzoresorcinol  
4-Benzoyl Resorcinol  
2,4-Dihydroxybenzophenone  
Uvinul 400 (GAF)

## Benzophenone-4

### BENZOPHENONE-2

CAS Number: 131-55-5

*Definition:* Benzophenone-2 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA

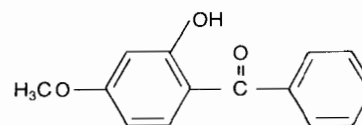
*Other Names:*

2,2',4,4'-Tetrahydroxybenzophenone  
Uvinul D-50 (GAF)

### BENZOPHENONE-3

CAS Number: 131-57-7

*Definition:* Benzophenone-3 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, USAN, USP, 21CFR121.2591

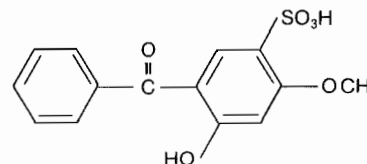
*Other Names:*

2-Hydroxy-4-Methoxybenzophenone  
Oxybenzone  
Spectra-Sorb UV 9 (American Cyanamid)  
Uvinul M-40 (GAF)

### BENZOPHENONE-4

CAS Number: 4065-45-6

*Definition:* Benzophenone-4 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, USAN

*Other Names:*

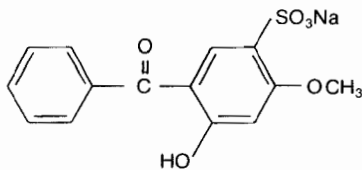
5-Benzoyl-4-Hydroxy-2-Methoxybenzene Sulfonic Acid  
2-Hydroxy-4-Methoxybenzophenone-5-Sulfonic Acid  
Spectra-Sorb UV 284 (American Cyanamid)  
Sulisobenzone  
Uvinul MS-40 (GAF)

## Benzophenone-5

### BENZOPHENONE-5

RD Number: 977056-13-5

*Definition:* Benzophenone-5 is the sodium salt of Benzophenone-4 (q.v.) and conforms to the formula:



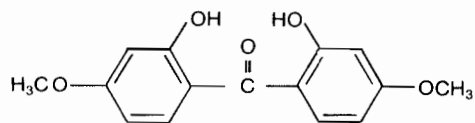
*Other Names:*

2-Hydroxy-4-Methoxybenzophenone-5-Sodium Sulfonate

### BENZOPHENONE-6

CAS Number: 131-54-4

*Definition:* Benzophenone-6 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA, MI

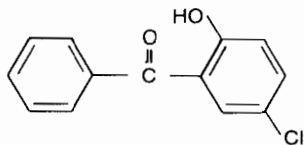
*Other Names:*

2,2'-Dihydroxy-4,4'-Dimethoxybenzophenone  
Uvinul D-49 (GAF)

### BENZOPHENONE-7

CAS Number: 85-19-8

*Definition:* Benzophenone-7 is an organic benzophenone derivative that conforms to the formula:



*Other Names:*

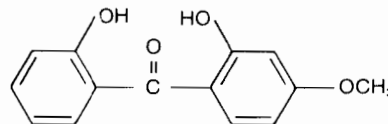
5-Chloro-2-Hydroxybenzophenone  
Dow HCB (Dow)  
2-Hydroxy-5-Chlorobenzophenone

### BENZOPHENONE-8

CAS Number: 131-53-3

*Definition:* Benzophenone-8 is an organic benzophenone derivative that conforms to the formula:

## Benzophenone-11



*Information Sources:* MAR, MI, USAN, USP

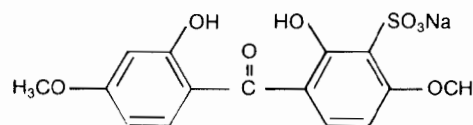
*Other Names:*

2,2'-Dihydroxy-4-Methoxybenzophenone  
Dioxybenzone  
Spectra-Sorb UV 24 (American Cyanamid)

### BENZOPHENONE-9

CAS Number: 3121-60-6

*Definition:* Benzophenone-9 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* CTFA

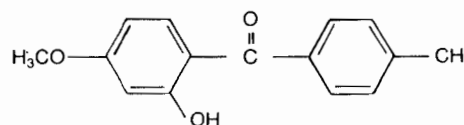
*Other Names:*

Sodium 2,2'-Dihydroxy-4,4'-Dimethoxy-5-Sulfobenzophenone  
Uvinul DS-49 (GAF)

### BENZOPHENONE-10

CAS Number: 1641-17-4

*Definition:* Benzophenone-10 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* MAR, MI

*Other Names:*

2-Hydroxy-4-Methoxy-4'-Methylbenzophenone  
Mexenone

### BENZOPHENONE-11

CAS Number: 1341-54-4

*Definition:* Benzophenone-11 is a mixture of Benzophenone-6 (q.v.) and other tetra-substituted benzophenone materials.

*Information Sources:* CTFA

*Other Names:*

Uvinul 490 (GAF)

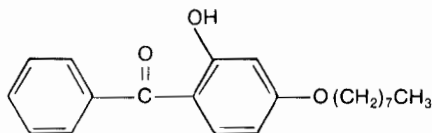


## Benzophenone-12

### BENZOPHENONE-12

CAS Number: 1843-05-6

*Definition:* Benzophenone-12 is an organic benzophenone derivative that conforms to the formula:



*Information Sources:* MAR, USAN

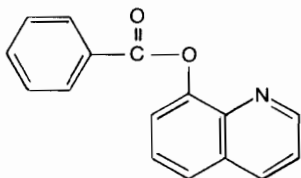
*Other Names:*

2-Hydroxy-4-(Octyloxy)Benzophenone  
Octabenzone

### BENZOXIQUNE

CAS Number: 86-75-9

*Definition:* Benzoxiquine is the ester of Oxyquinoline (q.v.) and benzoic acid that conforms to the formula:



*Information Sources:* MI

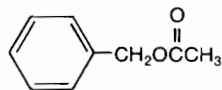
*Other Names:*

Benzoxyline  
8-Hydroxyquinoline Benzoate (Ester)  
8-Quinolinol Benzoate (Ester)

### BENZYL ACETATE

CAS Number: 140-11-4

*Definition:* Benzyl Acetate is the ester of benzyl alcohol and acetic acid. It conforms to the formula:



*Information Sources:* FCC, MI, 21CFR121.1164

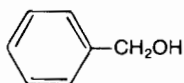
*Other Names:*

Cyclochem BA (*Cyclo*)

### BENZYL ALCOHOL

CAS Number: 100-51-6

*Definition:* Benzyl Alcohol is an aromatic organic alcohol that conforms to the formula:



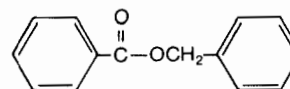
## Benzylparaben

*Information Sources:* CTFA, AUS, BP, BPC, BRA, CZE, DDR, FCC, HUN, KOR, MAR, MI, NF, NFJ, PJ, PN, POR, USD, 21CFR121.1164, 21CFR121.2520, 21CFR121.2550

### BENZYL BENZOATE

CAS Number: 120-51-4

*Definition:* Benzyl Benzoate is an ester of benzyl alcohol and benzoic acid. It conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, EGY, FCC, FIN, HUN, IND, ITA, KOR, MAR, MEX, MI, NED, NFJ, PF, PN, USD, USP, WHO, YUG, 21CFR121.1164, 21CFR121.2520

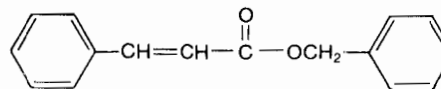
*Other Names:*

Benylate  
Benzoic Acid Benzyl Ester

### BENZYL CINNAMATE

CAS Number: 103-41-3

*Definition:* Benzyl Cinnamate is the aromatic ester that conforms to the formula:



*Information Sources:* FCC, MI, 21CFR121.1164

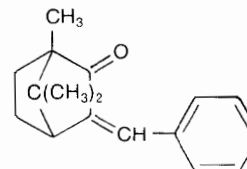
*Other Names:*

Cinnamein

### 3-BENZYLIDENE CAMPHOR

CAS Number: 15087-24-8

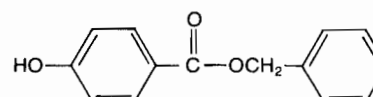
*Definition:* 3-Benzylidene Camphor is the polycyclic organic compound that conforms to the formula:



### BENZYLPARABEN

CAS Number: 94-18-8

*Definition:* Benzylparaben is an ester of benzyl alcohol and p-hydroxybenzoic acid. It conforms to the formula:



## Benzylparaben (Cont.)

Information Sources: MAR

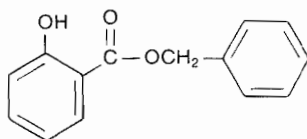
Other Names:

Benzyl p-Hydroxybenzoate  
Benzyl Tegostep (*Inolex*)

## BENZYL SALICYLATE

CAS Number: 118-58-1

Definition: Benzyl Salicylate is the aromatic ester of benzyl alcohol and salicylic acid. It conforms to the formula:



Information Sources: FCC, MAR, MI,  
21CFR121.1164

## BENZYL TRIMETHYL AMMONIUM HYDROLYZED ANIMAL PROTEIN

RD Number: 977066-14-0

Definition: Benzyl Trimethyl Ammonium Animal Protein is the organic salt of hydrolyzed animal protein and benzyl trimethyl ammonium cations.

Other Names:

Croetin BTA (*Croda*)

## BERBERIS

RD Number: 977020-44-2

Definition: Berberis is the natural plant material derived from the dried rhizome and roots of various members of the order *Berberidaceae*.

Information Sources: HP, MAR, MI

## BERBERIS EXTRACT

CAS Number: MX8054-40-8

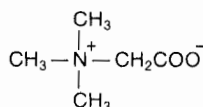
Definition: Berberis Extract is an extract of the fresh root bark of shrub plants of the order *Berberidaceae*.

Information Sources: HP

## BETAINE

CAS Number: 107-43-7

Definition: Betaine is the zwitterion (inner salt) that conforms to the formula:



Information Sources: AUS, DDR, FIN, HUN,  
MAR, MI, NEL

## BHT

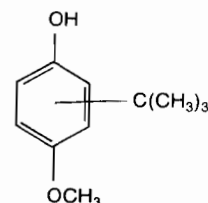
Other Names:

Trimethylglycine

## BHA

CAS Number: 25013-16-5

Definition: BHA is a mixture of isomers of tertiary butyl-substituted 4-methoxyphenols. It consists chiefly of 3-t-butyl-4-hydroxyanisole with lesser amounts of 2-t-butyl-4-hydroxyanisole. It conforms to the formula:



Information Sources: CTFA, BP, BPC, FCC, ITA,  
MAR, MI, NF, 21CFR121.101, 21CFR121.1035,  
21CFR121.1099, 21CFR121.1164,  
21CFR121.2005, 21CFR121.2514,  
21CFR121.2519, 21CFR121.2520,  
21CFR121.2553, 21CFR121.2577

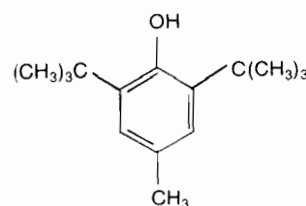
Other Names:

Butylated Hydroxyanisole  
Embanox BHA (*Rhodia*)  
Sustane 1-F (*Universal Oil Products*)  
Tenox BHA (*Eastman*)

## BHT

CAS Number: 128-37-0

Definition: BHT is a substituted toluene that conforms to the formula:



Information Sources: CTFA, BP, BPC, FCC, MAR,  
MI, NF, PN, 21CFR121.1034, 21CFR121.1099,  
21CFR121.2005, 21CFR121.2514,  
21CFR121.2519, 21CFR121.2520,  
21CFR121.2553, 21CFR121.2562,  
21CFR121.2577

Other Names:

Butylated Hydroxytoluene  
CAO-3 (*Ashland*)  
DBPC  
2,6-Di-t-butyl-p-cresol  
Ionol (*Shell*)  
Ionol CP (*Shell*)  
Tenox BHT (*Eastman*)

## Bioflavonoids

### BIOFLAVONOIDS

CAS Number: MX8028-11-3

*Definition:* Bioflavonoids are flavonoid compounds obtained by extraction of citrus rinds.

*Information Sources:* MAR, MI

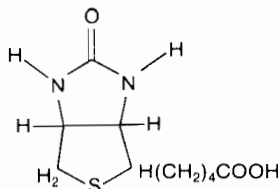
*Other Names:*

Lemon Bioflavonoid Complex (*Sunkist Growers*)

### BIOTIN

CAS Number: 58-85-5

*Definition:* Biotin is a naturally occurring vitamin that conforms generally to the formula:



*Information Sources:* FCC, MAR, MI, 21CFR121.101

*Other Names:*

Coenzyme R  
Vitamin H

### BIRCH LEAF EXTRACT

RD Number: 977062-81-9

*Definition:* Birch Leaf Extract is an extract derived from the leaves of *Betula verrucosa*.

*Information Sources:* POL

### BIRCH SAP

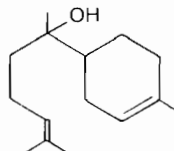
RD Number: 977062-80-8

*Definition:* Birch Sap is the liquid obtained by tapping the birch tree, *Betula verrucosa*.

### BISABOLOL

CAS Number: 515-69-5

*Definition:* Bisabolol is the terpene that conforms to the formula:

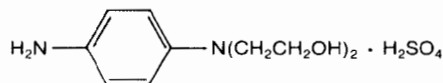


### N,N-BIS(2-HYDROXYETHYL)-p-PHENYLENEDIAMINE SULFATE

RD Number: 977056-16-8

*Definition:* N,N-Bis(2-Hydroxyethyl)-p-Phenylenediamine Sulfate is the substituted aromatic amine that conforms to the formula:

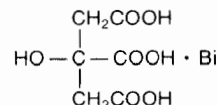
## Bismuth Subgallate



### BISMUTH CITRATE

CAS Number: 813-93-4

*Definition:* Bismuth Citrate is the bismuth salt of citric acid that conforms generally to the formula:



*Information Sources:* MI, 21CFR8.501

### BISMUTH OXYCHLORIDE

CAS Number: 7787-59-9

*Definition:* Bismuth Oxochloride is an inorganic pigment that conforms to the formula:

BiOCl

*Information Sources:* BP1963, CI 77163, M3, MAR, MI, 21CFR8.501

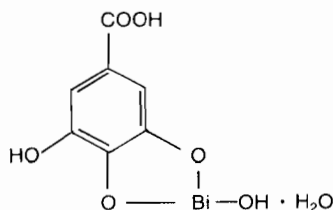
*Other Names:*

Basic Bismuth Chloride  
Biron Extra (*Rona Pearl*)  
Biron Fines (*Rona Pearl*)  
Biron GO (*Rona Pearl*)  
Biron HB (*Rona Pearl*)  
Biron NLA (*Rona Pearl*)  
Biron NLD (*Rona Pearl*)  
Biron NLD-A (*Rona Pearl*)  
Biron NLD-SP (*Rona Pearl*)  
Biron NLF-D (*Rona Pearl*)  
Biron NLM (*Rona Pearl*)  
Biron NLO (*Rona Pearl*)  
Biron NRN (*Rona Pearl*)  
Biron SP (*Rona Pearl*)  
Biron UVS (*Rona Pearl*)  
Bismuth Chloride Oxide  
Bismuth Subchloride  
C-Weiss 10 (*Germany*)  
Depthin B-50 (*Dimensional Pigments*)  
Depthin B-300 (*Dimensional Pigments*)  
Germany: C-Weiss 10  
Mearlite GBU (*Mearl*)  
Mearlite GMU (*Mearl*)  
Mearlite LBU (*Mearl*)  
Mearlite RBU (*Mearl*)  
Pearl White  
Pearl-Glo (*Mallinckrodt*)  
Pigment White 14

### BISMUTH SUBGALLATE

CAS Number: 12263-40-0

*Definition:* Bismuth Subgallate is the bismuth salt of gallic acid that conforms to the formula:



**Information Sources:** CTFA, ARG, AUS, BPC, BRA, DA, DDR, EGY, FIN, HUN, IND, ITA, KOR, MAR, MI, PF, PJ, PN, POR, ROM, USD, YUG

## BISMUTH SUBNITRATE

**CAS Number:** 1304-85-4

**Definition:** Bismuth Subnitrate is a basic salt, prepared by the partial hydrolysis of bismuth nitrate, containing 79 to 81%  $\text{Bi}_2\text{O}_3$ .

**Information Sources:** ARG, AUS, BPC, CZE, DA, DDR, EGY, FIN, HP, HUN, ITA, MAR, MEX, MI, NF, PF, PJ, POR, ROM, USD, USSR, WHO, YUG

## BISMUTH TRIOXIDE

**CAS Number:** 1304-76-3

**Definition:** Bismuth Trioxide is the inorganic compound that conforms to the formula:



**Information Sources:** CTFA, HP, MI

**Other Names:**  
Bismuth Oxide

## BITTER ALMOND OIL

**CAS Number:** MX8013-76-1

**Definition:** Bitter Almond Oil is a volatile oil obtained from *Prunus amygdalus* apricot kernel (*Prunus armeniaca*) or other fruit kernels containing amygdalin.

**Information Sources:** FCC, HP, MAR, MI, YUG, 21CFR121.101

**Other Names:**  
Almond Oil, Bitter  
Oil of Bitter Almond

## BLACK COHOSH

**RD Number:** 977000-69-3

**Definition:** Black Cohosh is the dried root of *Cimicifuga racemosa*.

**Information Sources:** HP, KOR, MI

**Other Names:**  
Black Cohosh Extract  
Cimicifuga

## BLADDERWRACK EXTRACT

**RD Number:** 977060-99-3

**Definition:** Bladderwrack Extract is an extract derived from the dried thallus of *Fucus vesiculosus*.

**Information Sources:** HP, MAR, MI

**Other Names:**  
Fucus Extract

## BLUE COHOSH

**RD Number:** 977021-14-9

**Definition:** Blue Cohosh is the dried rhizome and roots of *Caulophyllum thalictroides*

**Information Sources:** HP, MI

**Other Names:**  
Caulophyllum

## BORIC ACID

**CAS Number:** 10043-35-3

**Definition:** Boric Acid is the inorganic acid that conforms to the formula:



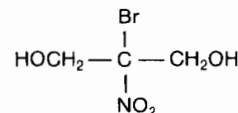
**Information Sources:** CTFA, ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PJ, PN, POR, ROM, SNPF, USD, USSR, WHO, YUG, 21CFR121.2520, 21CFR121.2571

**Other Names:**  
Orthoboric Acid

## 2-BROMO-2-NITROPROPANE-1,3-DIOL

**CAS Number:** 52-51-7

**Definition:** 2-Bromo-2-Nitropropane-1,3-Diol is a substituted aliphatic diol that conforms to the formula:



**Information Sources:** CTFA, SNPF

**Other Names:**  
Bronopol (*Inolex*)  
Onyxide 500 (*Onyx*)

## BRONZE POWDER

**CAS Number:** 7440-50-8

**Definition:** Bronze Powder is a color additive consisting of powdered metallic bronze.

**Information Sources:** CI77400, 21CFR8.501

## Bronze Powder (Cont.)

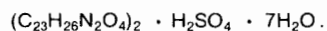
### Other Names:

Mirrorgold #125 (*Atlantic Powdered Metals*)  
Palegold

## BRUCINE SULFATE

CAS Number: 5787-00-8

*Definition:* Brucine Sulfate is an alkaloid that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, 27CFR212.71

## BUCKTHORN EXTRACT

CAS Number: MX8057-57-6

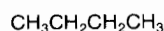
*Definition:* Buckthorn Extract is an extract derived from the dried bark of *Rhamnus frangula*.

*Information Sources:* AUS, CZE, DA, DDR, FIN, HP, ITA, MI, NED, PF, PN, POL, POR, ROM, USSR

## BUTANE

CAS Number: 106-97-8

*Definition:* Butane is a propellant gas that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.101

*Other Names:*  
n-Butane

## BUTCHERBROOM EXTRACT

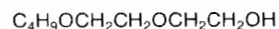
*Definition:* Butcherbroom Extract is an extract of the rhizome of *Ruscus aculeatus*.

*Other Names:*  
Rusco Extract

## BUTOXYDIGLYCOL

CAS Number: 112-34-5

*Definition:* Butoxydiglycol is the aliphatic ether alcohol that conforms to the formula:



*Information Sources:* MI, 21CFR121.2520, 21CFR121.2571

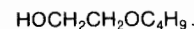
*Other Names:*  
Butyl Carbitol (*Union Carbide*)  
Diethylene Glycol Monobutyl Ether  
Monobutyl Diethylene Glycol Ether

## n-Butyl Alcohol

## BUTOXYETHANOL

CAS Number: 111-76-2

*Definition:* Butoxyethanol is the ether alcohol that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.2519, 21CFR121.2520, 21CFR121.2572

### Other Names:

2-Butoxyethanol  
Butyl Cellosolve (*Union Carbide*)  
Dowanol EB (*Dow*)  
Ethylene Glycol Monobutyl Ether  
Monobutyl Ethylene Glycol Ether

## BUTTER

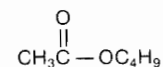
CAS Number: MX8029-34-3

*Definition:* Butter is the hydrous semi-solid fat recovered from cow's milk.

## BUTYL ACETATE

CAS Number: 123-86-4

*Definition:* Butyl Acetate is the ester of butyl alcohol and acetic acid. It conforms to the formula:

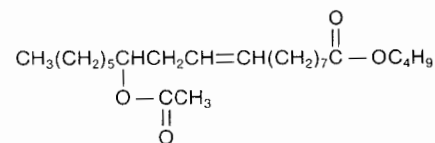


*Information Sources:* CTFA, FCC, MI, 21CFR121.1164, 21CFR121.2507, 21CFR121.2520, 21CFR121.2569

## BUTYL ACETYL RICINOLEATE

CAS Number: 140-04-5

*Definition:* Butyl Acetyl Ricinoleate is the butyl ester of acetyl ricinoleic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.2520, 21CFR121.2535, 21CFR121.2562

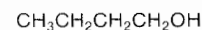
### Other Names:

Flexricin P-6 (*NL Industries*)

## n-BUTYL ALCOHOL

CAS Number: 71-36-3

*Definition:* n-Butyl Alcohol is the aliphatic alcohol that conforms to the formula:



## *n*-Butyl Alcohol (Cont.)

**Information Sources:** CTFA, FCC, MI, 21CFR121.1164, 21CFR121.2507, 21CFR121.2520, 21CFR121.2557, 21CFR121.2569, 21CFR121.2572, 21CFR212.72

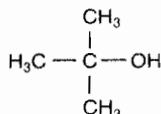
**Other Names:**

Alfol 4 (Conoco)  
1-Butanol  
*n*-Butanol  
Propyl Carbinol

## **t**-BUTYL ALCOHOL

**CAS Number:** 75-65-0

**Definition:** *t*-Butyl Alcohol is the aliphatic alcohol that conforms to the formula:



**Information Sources:** MI, 21CFR121.2531, 21CFR121.2557, 27CFR212.73

**Other Names:**

2-Methyl-2-Propanol  
Tert-Butyl Alcohol  
Trimethyl Carbinol

## **BUTYLATED UREA-FORMALDEHYDE RESIN**

**RD Number:** 977064-05-3

**Definition:** Butylated Urea-Formaldehyde Resin is an amino resin reaction product of butylated urea and formaldehyde.

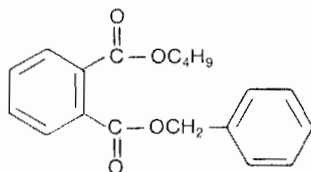
**Other Names:**

Beetle 227-8 (American Cyanamid)

## **BUTYL BENZYL PHTHALATE**

**CAS Number:** 85-68-7

**Definition:** Butyl Benzyl Phthalate is the aromatic ester that conforms to the formula:



**Information Sources:** 21CFR121.2511, 21CFR121.2520, 21CFR121.2526, 21CFR121.2571, 21CFR121.2576

**Other Names:**

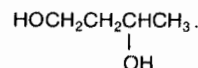
Santicizer 160 (Monsanto)

## *t*-Butyl Hydroquinone

## **BUTYLENE GLYCOL**

**CAS Number:** 107-88-0

**Definition:** Butylene Glycol is the aliphatic diol that conforms to the formula:



**Information Sources:** CTFA, FCC, 21CFR121.1176, 21CFR121.2507, 21CFR121.2520, 21CFR121.2522, 21CFR121.2550, 21CFR121.2566

**Other Names:**

1,3-Butanediol  
1,3-Butylene Glycol

## **BUTYL ESTER OF ETHYLENE/MALEIC ANHYDRIDE COPOLYMER**

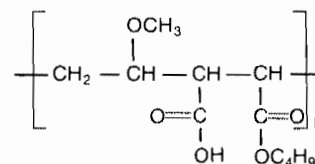
**RD Number:** 977056-17-9

**Definition:** Butyl Ester of Ethylene/Maleic Anhydride Copolymer is a polymer consisting of the partial butyl ester of the polycarboxylic resin formed from ethylene and maleic anhydride.

## **BUTYL ESTER OF PVM/MA COPOLYMER**

**RD Number:** 977056-18-0

**Definition:** Butyl Ester of PVM/MA Copolymer is a polymer consisting of the partial butyl ester of the polycarboxylic resin formed from vinyl methyl ether and maleic anhydride. It conforms generally to the formula:



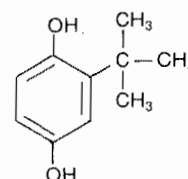
**Other Names:**

Gantrez ES 425 (GAF)  
Gantrez ES 435 (GAF)

## **t**-BUTYL HYDROQUINONE

**CAS Number:** 1948-33-0

**Definition:** *t*-Butyl Hydroquinone is the aromatic organic compound that conforms to the formula:



**Information Sources:** 21CFR121.1244, 21CFR121.2576

## t-Butyl Hydroquinone (Cont.)

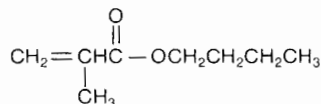
### Other Names:

Tenox TBHQ (Eastman)

## BUTYL METHACRYLATE

CAS Number: 97-88-1

**Definition:** Butyl Methacrylate is the ester of n-butyl alcohol and methacrylic acid. It conforms to the formula:

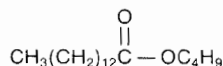


**Information Sources:** 21CFR121.2514, 21CFR121.2526, 21CFR121.2576

## BUTYL MYRISTATE

CAS Number: 110-36-1

**Definition:** Butyl Myristate is the ester of butyl alcohol and myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA

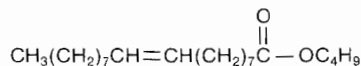
### Other Names:

Bumyr (Robinson-Wagner)  
Wickenol 141 (Wickhen)

## BUTYL OLEATE

CAS Number: 142-77-8

**Definition:** Butyl Oleate is the ester of butyl alcohol and oleic acid. It conforms generally to the formula:



**Information Sources:** 21CFR121.2562

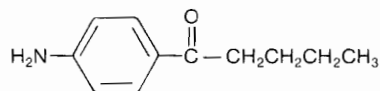
### Other Names:

JA-FA BO (Jahres Fabrikker)

## BUTYL PABA

CAS Number: 94-25-7

**Definition:** Butyl PABA is the ester of n-butyl alcohol and p-aminobenzoic acid. It conforms to the formula:



**Information Sources:** MAR, MI, NF, USAN

## Butyl Stearate

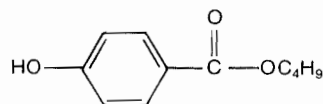
### Other Names:

Butamben  
Butesin (Abbott)  
Butyl 4-Aminobenzoate

## BUTYL PARABEN

CAS Number: 94-26-8

**Definition:** Butylparaben is the ester of butyl alcohol and p-hydroxybenzoic acid. It conforms generally to the formula:



**Information Sources:** CTFA, MAR, MI, USP, 21CFR121.1164

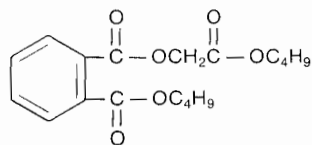
### Other Names:

Betacide B (Beta)  
Butyl p-Hydroxybenzoate  
Butyl Parahydroxybenzoate  
Butyl Parasept (Tenneco)  
Butyl Tegosept (Inolex)  
Nipabutyl (Nipa)  
Protaben B (Protameen)  
Tegosept B (Inolex)

## BUTYL PHTHALYL BUTYL GLYCOLATE

CAS Number: 85-70-1

**Definition:** Butyl Phthalyl Butyl Glycolate is the aromatic ester that conforms to the formula:



**Information Sources:** 21CFR121.2005, 21CFR121.2514, 21CFR121.2520, 21CFR121.2569

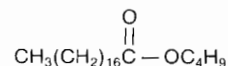
### Other Names:

Santicizer B-16 (Monsanto)

## BUTYL STEARATE

CAS Number: 123-95-5

**Definition:** Butyl Stearate is the ester of butyl alcohol and stearic acid. It conforms generally to the formula:



**Information Sources:** CTFA, MI, 21CFR121.1164, 21CFR121.2005, 21CFR121.2514, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531, 21CFR121.2557, 21CFR121.2562, 21CFR121.2569

## Butyl Stearate (Cont.)

### Other Names:

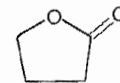
n-Butyl Octadecanoate  
Emerest 2325 (Malmstrom)  
Estol 119 (Price's)  
Grocor 5410 (Gross, A.)  
Grocor 5510 (Gross, A.)  
Grocor 5810 (Gross, A.)  
JA-FA BS (Jahres Fabrikker)  
Kessco Butyl Stearate (Armak)  
Starfol BS-100 (Ashland)  
Tegester Butyl Stearate (Inolex)  
Unimate BYS (Union Camp)  
Wickenol 122 (Wickhen)

## Butyrolactone

### BUTYROLACTONE

CAS Number: 96-48-0

*Definition:* Butyrolactone is a cyclic organic compound that conforms to the formula:



*Information Sources:* CTFA, MI



**C12-13 ALCOHOLS**

RD Number: 977063-82-3

*Definition:* C12-13 Alcohols is a mixture of synthetic fatty alcohols with 12 to 13 carbons in the alkyl chain.

*Other Names:*

Neodol 23 (*Shell*)**C12-15 ALCOHOLS**

RD Number: 977063-83-4

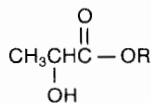
*Definition:* C12-15 Alcohols is a mixture of synthetic fatty alcohols with 12 to 15 carbons in the alkyl chain.

*Other Names:*

Neodol 25 (*Shell*)**C12-15 ALCOHOLS LACTATE**

RD Number: 977064-17-7

*Definition:* C12-15 Alcohols Lactate is the ester of lactic acid and C12-15 Alcohols (q.v.). It conforms to the formula:



where R represents the C12-15 alkyl group.

*Information Sources:* CTFA

*Other Names:*

Ceraphyl 41 (*Van Dyk*)**C12-16 ALCOHOLS**

RD Number: 977064-16-6

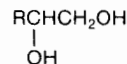
*Definition:* C12-16 Alcohols is a mixture of synthetic fatty alcohols with 12 to 16 carbons in the alkyl chain.

*Other Names:*

Alfol 1216 Alcohol (*Conoco*)**C15-18 GLYCOL**

RD Number: 977056-29-3

*Definition:* C15-18 Glycol is the long chain diol that conforms generally to the formula:



where R represents an alkyl group with 13 to 16 carbons

*Information Sources:* CTFA

*Other Names:*

Adol 158 (*Ashland*)

Cetyl Stearyl Vicinal Glycol

**C10-13 ISOPARAFFIN**

RD Number: 977064-14-4

*Definition:* C10-13 Isoparaffin is a mixture of branched chain aliphatic hydrocarbons with 10 to 13 carbons in the alkyl chain.

*Other Names:*

Soltrol 130 (*Phillips Petroleum*)**C11-13 ISOPARAFFIN**

RD Number: 977068-15-7

*Definition:* C11-13 Isoparaffin is a mixture of branched chain aliphatic hydrocarbons with 11 to 13 carbons in the alkyl chain.

**C12-14 ISOPARAFFIN**

RD Number: 977062-31-9

*Definition:* C12-14 Isoparaffin is a mixture of branched chain aliphatic hydrocarbons with 12 to 14 carbons in the alkyl chain.

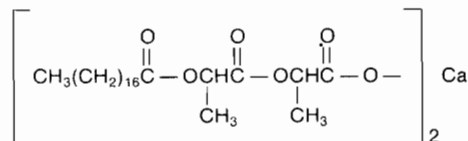
**C13-16 ISOPARAFFIN**

RD Number: 977064-15-5

*Definition:* C13-16 Isoparaffin is a mixture of branched chain aliphatic hydrocarbons with 13 to 16 carbons in the alkyl chain.

*Other Names:*

Soltrol 220 (*Phillips Petroleum*)



Information Sources: FCC, MI, 21CFR121.1047, 21CFR121.2507, 21CFR121.2526

**Other Names:**

Calcium Stearyl-2-Lactylate  
Lamegin CSL (Gruenau)  
Verv (Patterson)

## CALCIUM SULFATE

CAS Number: 10101-41-4

Definition: Calcium Sulfate is the inorganic salt that conforms to the formula:



Information Sources: ARG, AUS, BPC, CI 77231, CZE, DDR, EGY, FCC, FIN, HP, HUN, KOR, M3, MAR, MEX, MI, NED, NF, NFJ, POR, YUG, 21CFR121.101, 21CFR121.2514

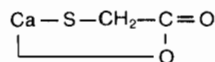
**Other Names:**

Anhydrite  
C-Weiss 6 (Germany)  
'Extra Super' English Terra Alba (Crystal)  
Germany: C-Weiss 6  
Gypsum  
Plaster of Paris

## CALCIUM THIOGLYCOLATE

CAS Number: 814-71-1

Definition: Calcium Thioglycolate is the calcium salt of thioglycolic acid. It conforms to the formula:



Information Sources: CTFA, MAR, MI

## CALENDULA

RD Number: 977001-93-6

Definition: Calendula is a natural material derived from the fresh flowers of *Calendula officinalis*.

Information Sources: DDR, HP, MI, NED, 21CFR121.101

## CALENDULA EXTRACT

RD Number: 977025-25-4

Definition: Calendula Extract is an extract of the flowers of *Calendula officinalis*.

Information Sources: HP, MI, 21CFR121.101

**Other Names:**

Marigold Extract

## CALENDULA OIL

RD Number: 977060-03-9

Definition: Calendula Oil is the oil derived from the fresh flowers of *Calendula officinalis*.

Information Sources: 21CFR121.101

## CAMELLIA OIL

RD Number: 977056-19-1

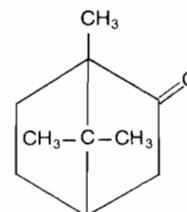
Definition: Camellia Oil is the oil derived from the leaves of *Thea sinensis*.

Information Sources: HP

## CAMPHOR

CAS Number: 76-22-2

Definition: Camphor is a ketone derived from the wood of the camphor tree, *Cinnamomum camphora* or prepared synthetically to conform to the formula:



Information Sources: ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, WHO, YUG, 21CFR121.1164, 21CFR121.2520

**Other Names:**

2-Bornanone  
Gum Camphor

## CANDELILLA WAX

CAS Number: MX8006-44-8

Definition: Candelilla Wax is the wax obtained from various *Euphorbiaceae* species.

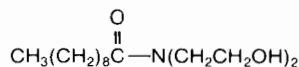
Information Sources: CTFA, FCC, MI, 21CFR121.2520, 21CFR121.2569, 21CFR121.2571

## Capramide Dea

### CAPRAMIDE DEA

RD Number: 977056-21-5

**Definition:** Capramide DEA is a mixture of ethanolamides of capric acid. It conforms generally to the formula:



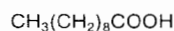
**Other Names:**

Alrosol C (*Ciba-Geigy*)  
Capric Acid Diethanolamide  
Monamid 150-CW (*Mona*)  
Standamid CD (*Henkel*)

### CAPRIC ACID

CAS Number: 334-48-5

**Definition:** Capric Acid is the aliphatic acid that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.1070, 21CFR121.1099

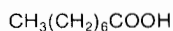
**Other Names:**

n-Decanoic Acid

### CAPRYLIC ACID

CAS Number: 124-07-2

**Definition:** Caprylic Acid is the aliphatic acid that conforms to the formula:



**Information Sources:** FCC, MAR, MI, 21CFR121.101, 21CFR121.1070, 21CFR121.1099, 21CFR121.1164

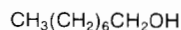
**Other Names:**

n-Octanoic Acid  
Octoic Acid

### CAPRYLIC ALCOHOL

CAS Number: 111-87-5

**Definition:** Caprylic Alcohol is the aliphatic alcohol that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.1164, 21CFR121.1238, 21CFR121.2520

**Other Names:**

Alfol 8 (*Conoco*)  
n-Octanol  
n-Octyl Alcohol

### CAPRYLIC/CAPRIC/LAURIC TRIGLYCERIDE

RD Number: 977069-11-6

## Capsicum Oleoresin

**Definition:** Caprylic/Capric/Lauric Triglyceride is the mixed triester of glycerin and caprylic, capric and lauric acids.

**Other Names:**

Captex 350 (*Capital City*)

### CAPRYLIC/CAPRIC/STEARIC TRIGLYCERIDE

RD Number: 977064-06-4

**Definition:** Caprylic/Capric/Stearic Triglyceride is the mixed triester of glycerin and caprylic, capric and stearic acids.

**Other Names:**

Softisan 378 (*Dynamit-Nobel*)

### CAPRYLIC/CAPRIC TRIGLYCERIDE

RD Number: 977059-83-8

**Definition:** Caprylic/Capric Triglyceride is the mixed triester of glycerin and caprylic and capric acids.

**Information Sources:** CTFA

**Other Names:**

Captex 300 (*Capital City*)  
Miglyol 810 Neutral Oil (*Dynamit-Nobel*)  
Miglyol 812 Neutral Oil (*Dynamit-Nobel*)  
Myritol 318 (*Henkel*)  
Neobee M-5 (*PVO*)  
Neobee O (*PVO*)  
Octanoic/Decanoic Acid Triglyceride  
Vegetable Oil 1400 (*PVO*)

### CAPSICUM

RD Number: 977007-72-9

**Definition:** Capsicum is a plant material derived from the dried ripe fruit of *Capsicum frutescens*.

**Information Sources:** AUS, BEL, BPC, DA, EGY, FI, HP, IND, ITA, MAR, MI, NFXI, POL, USD, 21CFR121.101

**Other Names:**

Cayenne Pepper  
Red Pepper

### CAPSICUM EXTRACT

RD Number: 977064-07-5

**Definition:** Capsicum Extract is an extract of various species of *Capsicum*.

**Information Sources:** HP, USD, 21CFR121.101

### CAPSICUM OLEORESIN

CAS Number: MX8023-77-6

**Definition:** Capsicum Oleoresin is a resinous extract of *Capsicum frutescens*.

## Capsicum Oleoresin (Cont.)

*Information Sources:* AUS, BEL, MAR, MI, USD, 21CFR121.101

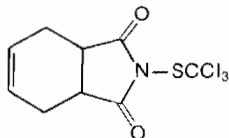
*Other Names:*

Oleoresin Capsicum Africanus

## CAPTAN

*CAS Number:* 133-06-2

*Definition:* Captan is the organic compound that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.2526

*Other Names:*

N-Trichloromethylthio-4-Cyclohexene-1,2-Dicarboximide

N-Trichloromethylthiotetrahydrophthalimide  
Vancide 89 RE (*Vanderbilt*)

## CARAMEL

*CAS Number:* MX8028-89-5

*Definition:* Caramel is the concentrated solution obtained from heating sugar or glucose solutions.

*Information Sources:* BPC, MI, NFXIII, USP, 21CFR8.303, 21CFR8.6002, 21CFR8.501

## CARAWAY OIL

*CAS Number:* MX8000-42-8

*Definition:* Caraway Oil is the volatile oil distilled from the dried, ripe fruit of *Carum carvi*.

*Information Sources:* AUS, BPC, CZE, DA, DDR, EGY, FCC, HUN, IND, MAR, MI, NED, NF, ROM, USD, USSR, YUG, 21CFR121.101

*Other Names:*

Oil of Caraway

## CARBOMER-934

*CAS Number:* PM9007-16-3

*Definition:* Carbomer-934 is a polymer of acrylic acid crosslinked with a polyfunctional agent.

*Information Sources:* CTFA, MAR, NF, SNPF

*Other Names:*

Carbopol 934 (*Goodrich*)

## CARBOMER-934P

*RD Number:* 977007-23-0

## Carbon

*Definition:* Carbomer-934P is a pharmaceutical grade of a polymer of acrylic acid crosslinked with a polyfunctional agent.

*Information Sources:* NF, USAN

*Other Names:*

Carbopol 934P (*Goodrich*)

## CARBOMER-940

*CAS Number:* PM9007-17-4

*Definition:* Carbomer-940 is a polymer of acrylic acid crosslinked with a polyfunctional agent.

*Information Sources:* CTFA, MAR, NF, SNPF

*Other Names:*

Carbopol 940 (*Goodrich*)

## CARBOMER-941

*RD Number:* 977056-22-6

*Definition:* Carbomer-941 is a polymer of acrylic acid crosslinked with a polyfunctional agent.

*Information Sources:* CTFA, NF, SNPF

*Other Names:*

Carbopol 941 (*Goodrich*)

## CARBOMER-960

*RD Number:* 977056-23-7

*Definition:* Carbomer-960 is the ammonium salt of Carbomer-934 (q.v.).

*Information Sources:* SNPF

*Other Names:*

Ammonium Carbomer-934  
Carbopol 960 (*Goodrich*)

## CARBOMER-961

*RD Number:* 977056-24-8

*Definition:* Carbomer-961 is the ammonium salt of Carbomer-941 (q.v.).

*Information Sources:* SNPF

*Other Names:*

Ammonium Carbomer-941  
Carbopol 961 (*Goodrich*)

## CARBON

*CAS Number:* 7440-44-0

*Definition:* Carbon is a solid, porous form of elemental carbon.

*Information Sources:* ARG, AUS, CZE, DA, DDR, FCC, HP, HUN, MAR, MEX, MI, PJ, PN, USP, 21CFR121.2550

*Other Names:*

Activated Carbon  
 Activated Charcoal  
 Darco (ICI United States)  
 Norit (Salomon & Bro.)

**CARBON DIOXIDE**

CAS Number: 124-38-9

*Definition:* Carbon Dioxide is a gas that conforms to the formula:



*Information Sources:* BP, BPC, EP, MAR, MI, USD, USP, 21CFR121.101

**CARBOXYMETHYL HYDROXYETHYL-CELLULOSE**

CAS Number: PM9004-30-2

*Definition:* Carboxymethyl Hydroxyethylcellulose is the sodium salt of an ethylene glycol ether of cellulose gum (q.v.).

*Information Sources:* 21CFR121.2507

*Other Names:*

CMHEC (*Hercules*)  
 Sodium Carboxymethyl Hydroxyethylcellulose

**CARDAMOM OIL**

CAS Number: MX8000-66-6

*Definition:* Cardamom Oil is the volatile oil obtained from the dried ripe seeds of *Elettaria cardamomum*.

*Information Sources:* ARG, BPC, BRA, FCC, MAR, MI, NF, USD, 21CFR121.101

*Other Names:*

Oil of Cardamom

**CARMINE**

CAS Number: 1390-65-4

*Definition:* Carmine is the aluminum lake of the coloring agent, cochineal. Cochineal is a natural pigment derived from the dried female insect *Coccus cacti*.

*Information Sources:* ARG, BEL, BPC, CI 75470, EGY, M3, MAR, MI, NED, PF, POR, SWE, 21CFR8.501, 21CFR8.6009, 21CFR8.317

*Other Names:*

C-Rot 50 (*Germany*)  
 Carminic Acid  
 Germany: C-Rot 50  
 Karmin (*Sweden*)  
 Natural Red 4  
 Sweden: Karmin

**CARNAUBA**

CAS Number: MX8015-86-9

*Definition:* Carnauba is the wax obtained from the leaves and leaf buds of the Brazilian wax palm, *Copernicia cereferia*.

*Information Sources:* CTFA, BRA, FCC, MAR, MI, NED, SNPF, 21CFR121.101, 21CFR121.2569

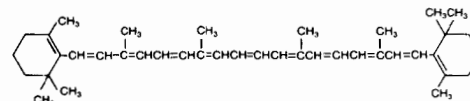
*Other Names:*

Brazil Wax  
 Carnauba Wax  
 Carnauba Wax #1 (*Strahl & Pitsch*)

**CAROTENE**

CAS Number: 7235-40-7

*Definition:* Carotene is a color additive prepared synthetically or obtained from natural sources. It conforms to the formula:



*Information Sources:* CI 75130, EEC E160a, FCC, M3, MAR, MI, SWE, 21CFR8.304, 21CFR8.501, 21CFR8.6004, 21CFR121.101

*Other Names:*

Beta Carotene  
 C-Orange 11 (*Germany*)  
 $\beta$ -Carotene  
 Germany: C-Orange 11  
 Karotin (*Sweden*)  
 Sweden: Karotin

**CARRAGEENAN**

CAS Number: PM9000-07-1

*Definition:* Carrageenan is the water extract obtained from various members of the *Gigartinales* or *Solieriales* families of the red seaweed class *Rhodophyceae*.

*Information Sources:* AUS, BEL, FCC, MAR, MI, POR, 21CFR121.101, 21CFR121.1066

## Carrageenan (Cont.)

### Other Names:

Carastay (Stauffer)  
Chondrus  
Gelcarin LA (Marine Colloids)  
Gelcarin SI (Marine Colloids)  
Genu (Hercules)  
Irish Moss Extract  
Seakem LCM (Marine Colloids)  
Viscavin 402 (Marine Colloids)

## CARROT JUICE

RD Number: 977064-08-6

Definition: Carrot Juice is a liquid obtained from carrot pulp.

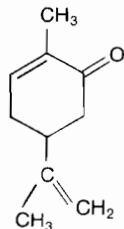
Information Sources: 21CFR121.101

## CARVONE

CAS Number: (L Form) 99-49-0  
6485-401

RD Number: (D Form) 977050-29-5

Definition: Carvone is a terpene that conforms to the formula:



Information Sources: FCC, MI, 21CFR121.101

### Other Names:

Carvol

## CASTOR OIL

CAS Number: MX8001-79-4

Definition: Castor Oil is the fixed oil obtained from the seeds of *Ricinus communis*.

Information Sources: CTFA, ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POL, POR, ROM, SNPF, USD, USP, WHO, YUG, 21CFR121.1028, 21CFR121.1163, 21CFR121.2519, 21CFR121.2531, 21CFR121.2535, 21CFR121.2553, 21CFR121.2562

### Other Names:

AA Standard (NL Industries)  
AA USP (NL Industries)  
Cosmetol (Spencer-Kellogg)  
Cosmetol G (Spencer-Kellogg)

## Cellulose Gum

Cosmetol Q (Spencer-Kellogg)  
Cosmetol X (Spencer-Kellogg)  
Crystal Crown (NL Industries)  
Crystal O (NL Industries)  
Diamond Quality Castor Oil (Spencer-Kellogg)  
Gold Bond Castor Oil (Spencer-Kellogg)

## CELLULOSE

RD Number: 977006-65-7

Definition: Cellulose is a natural polysaccharide derived from plant fibers.

Information Sources: AUS, BPC, FCC, ITA, MAR, MI, NF

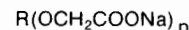
### Other Names:

Avicel (FMC)  
Avicel PH (FMC)  
Avicel RC (FMC)  
Avicel RC-581 (FMC)  
Avicel RC-591 (FMC)  
Cellulose, Microcrystalline  
Microcrystalline Cellulose  
Solka-Floc (Brown)  
Solka-Floc BW-200 (Brown)  
Wood Pulp, Bleached

## CELLULOSE GUM

CAS Number: PM9000-11-7

Definition: Cellulose Gum is the sodium salt of the polycarboxymethyl ester of cellulose. It is a powder conforming generally to the formula:



where R represents the cellulose structure.

Information Sources: CTFA, AUS, BPC, BRA, CZE, DDR, FCC, HUN, MAR, MI, PJ, PN, USD, USP, 21CFR121.101, 21CFR121.1088, 21CFR121.2514, 21CFR121.2520

### Other Names:

Carbose (BASF-Wyandotte)  
Carboxymethyl Cellulose  
CMC  
CMC-7HF (Hercules)  
CMC-7H3SF (Hercules)  
CMC-7LF (Hercules)  
CMC-7MF (Hercules)  
CMC-12M31P (Hercules)  
Sodium Carboxymethyl Cellulose  
Sodium CMC

**CERESIN**

CAS Number: MX8001-75-0

**Definition:** Ceresin is a white to yellow waxy mixture of hydrocarbons obtained by purification of Ozokerite (q.v.).

**Information Sources:** MI, NED, 21CFR121.2520

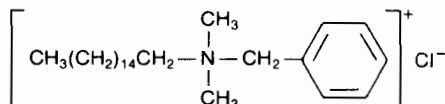
**Other Names:**

Ceresin Wax (*International Wax*)  
Ceresine AMP 71 (*Will & Baumer Candle*)  
Mobil Wax (*Mobil*)  
Plymouth White Ceresin Wax P (*Penick*)  
White Ceresin Wax  
White Ozokerite Wax

**CETALKONIUM CHLORIDE**

CAS Number: 122-18-9

**Definition:** Cetalkonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** CTFA, MI, 21CFR121.2520

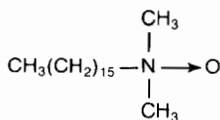
**Other Names:**

Ammonyx G (*Onyx*)  
Cetol (*Fine Organics*)  
Cetyl Dimethyl Benzyl Ammonium Chloride  
Dehyquart CDB (*Henkel*)

**CETAMINE OXIDE**

RD Number: 977056-25-9

**Definition:** Cetamine Oxide is the aliphatic amine oxide that conforms generally to the formula:

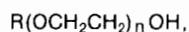
**Other Names:**

Ammonyx CO (*Onyx*)  
Cetyl Dimethyl Amine Oxide  
Conco XAC (*Continental Chemical*)

**CETEARETH-3**

RD Number: 977054-58-2

**Definition:** Ceteareth-3 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 3.

**Information Sources:** CTFA, SNPF

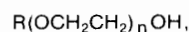
**Other Names:**

Hostacerin T3 (*American Hoechst*)  
Lipocol SC-3 (*Lipo*)  
PEG-3 Cetyl/Stearyl Ether  
Polyethylene Glycol (3) Cetyl/Stearyl Ether  
Polyoxyethylene (3) Cetyl/Stearyl Ether

**CETEARETH-4**

RD Number: 977054-59-3

**Definition:** Ceteareth-4 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 4.

**Information Sources:** CTFA, SNPF

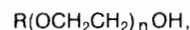
**Other Names:**

Lipal 4CSA (*PVO*)  
Lipocol SC-4 (*Lipo*)  
PEG-4 Cetyl/Stearyl Ether  
Polyethylene Glycol 200 Cetyl/Stearyl Ether  
Polyoxyethylene (4) Cetyl/Stearyl Ether

**CETEARETH-5**

RD Number: 977054-60-6

**Definition:** Ceteareth-5 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 5.

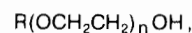
**Other Names:**

PEG-5 Cetyl/Stearyl Ether  
Polyethylene Glycol (5) Cetyl/Stearyl Ether  
Polyoxyethylene (5) Cetyl/Stearyl Ether

**CETEARETH-6**

RD Number: 977054-61-7

**Definition:** Ceteareth-6 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 6.

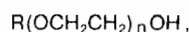
*Other Names:*

Lipal 6CSA (PVO)  
 Lipocol SC-6 (Lipo)  
 PEG-6 Cetyl/Stearyl Ether  
 Polyethylene Glycol 300 Cetyl/Stearyl Ether  
 Polyoxyethylene (6) Cetyl/Stearyl Ether  
 Siponic E-3 (Alcolac)

**CETEARETH-8**

*RD Number:* 977054-62-8

*Definition:* Ceteareth-8 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 8.

*Information Sources:* CTFA, SNPF

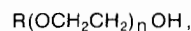
*Other Names:*

Lipocol SC-8 (Lipo)  
 PEG-8 Cetyl/Stearyl Ether  
 Polyethylene Glycol 400 Cetyl/Stearyl Ether  
 Polyoxyethylene (8) Cetyl/Stearyl Ether

**CETEARETH-10**

*RD Number:* 977054-63-9

*Definition:* Ceteareth-10 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 10.

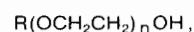
*Other Names:*

Lipocol SC-10 (Lipo)  
 PEG-10 Cetyl/Stearyl Ether  
 Polyethylene Glycol (10) Cetyl/Stearyl Ether  
 Polyoxyethylene (10) Cetyl/Stearyl Ether  
 Siponic E-5 (Alcolac)

**CETEARETH-12**

*RD Number:* 977054-64-0

*Definition:* Ceteareth-12 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 12.

*Information Sources:* CTFA

*Other Names:*

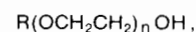
Eumulgin C-700 (Hendel)

Lipocol SC-12 (Lipo)  
 PEG-12 Cetyl/Stearyl Ether  
 Polyethylene Glycol 600 Cetyl/Stearyl Ether  
 Polyoxyethylene (12) Cetyl/Stearyl Ether

**CETEARETH-15**

*RD Number:* 977054-65-1

*Definition:* Ceteareth-15 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 15.

*Information Sources:* CTFA, SNPF

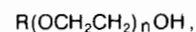
*Other Names:*

Lipal 15CSA (PVO)  
 Lipocol SC-15 (Lipo)  
 PEG-15 Cetyl/Stearyl Ether  
 Polyethylene Glycol (15) Cetyl/Stearyl Ether  
 Polyoxyethylene (15) Cetyl/Stearyl Ether

**CETEARETH-17**

*RD Number:* 977063-70-9

*Definition:* Ceteareth-17 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 17.

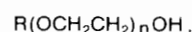
*Other Names:*

PEG-17 Cetyl/Stearyl Ether  
 Polyethylene Glycol (17) Cetyl/Stearyl Ether  
 Polyoxyethylene (17) Cetyl/Stearyl Ether

**CETEARETH-20**

*RD Number:* 977054-66-2

*Definition:* Ceteareth-20 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 20.

*Other Names:*

Cyclogol 1000 (Witco/Cyclo Div.)  
 Eumulgin C-1000 (Henkel)  
 Lipocol SC-20 (Lipo)  
 PEG-20 Cetyl/Stearyl Ether  
 Polyethylene Glycol 1000 Cetyl/Stearyl Ether  
 Polyoxyethylene (20) Cetyl/Stearyl Ether



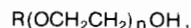
## Ceteareth-20 (Cont.)

Procol CS-20 (*Protameen*)  
Siponic E-10 (*Alcolac*)

## CETEARETH-27

RD Number: 977063-71-0

*Definition:* Ceteareth-27 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 27.

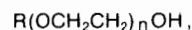
*Other Names:*

PEG-27 Cetyl/Stearyl Ether  
Plurafac A-38 (*BASF-Wyandotte*)  
Polyethylene Glycol (27) Cetyl/Stearyl Ether  
Polyoxyethylene (27) Cetyl/Stearyl Ether

## CETEARETH-30

RD Number: 977063-72-1

*Definition:* Ceteareth-30 is the polyethylene glycol ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals and n has an average value of 30.

*Other Names:*

Eumulgin C-1500 (*Henkel*)  
Lipocol SC-30 (*Lipo*)  
PEG-30 Cetyl/Stearyl Ether  
Polyethylene Glycol (30) Cetyl/Stearyl Ether  
Polyoxyethylene (30) Cetyl/Stearyl Ether  
Siponic E-15 (*Alcolac*)

## CETEARYL ALCOHOL

CAS Number: MX8005-44-5

*Definition:* Cetearyl Alcohol is a mixture of fatty alcohols consisting predominantly of cetyl and stearyl alcohols.

*Information Sources:* BEL, BP, BPC, CZE, DA, HUN, IND, MAR, PN, ROM, 21CFR121.2520

*Other Names:*

Cetostearyl Alcohol  
Cetyl/Stearyl Alcohol  
CO-1618 (*Procter & Gamble*)  
Cyclal Cetostearyl Alcohol (*Witco/Cyclo Div*)  
Dehydag Wax O (*Henkel*)

## CETEARYL OCTANOATE

RD Number: 977063-73-2

## Ceteth-4

*Definition:* Cetearyl Octanoate is the ester of Cetearyl Alcohol (q.v.) and 2-ethylhexanoic acid.

*Other Names:*

Cetyl/Stearyl 2-Ethylhexanoate  
PCL Liquid 2/066210 (*Dragoco*)  
Pur-Cellin Oil (*Dragoco*)

## CETEARYL PALMITATE

RD Number: 977069-12-7

*Definition:* Cetearyl Palmitate is the ester of Cetearyl Alcohol (q.v.) and palmitic acid.

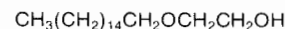
*Other Names:*

Cithrol CSP (*Croda*)

## CETETH-1

RD Number: 977061-84-9

*Definition:* Ceteth-1 is the ethoxylated alcohol that conforms generally to the formula:



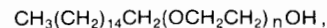
*Other Names:*

Ethylene Glycol Cetyl Ether  
PEG-1 Cetyl Ether  
Procol CA-1 (*Protameen*)

## CETETH-2

RD Number: 977054-67-3

*Definition:* Ceteth-2 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 2.

*Information Sources:* CTFA, SNPF

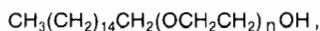
*Other Names:*

Atlas G-3802 (*ICI United States*)  
Brij 52 (*ICI United States*)  
G-3802 (*ICI United States*)  
Lipocol C-2 (*Lipo*)  
PEG-2 Cetyl Ether  
Polyethylene Glycol 100 Cetyl Ether  
Polyoxyethylene (2) Cetyl Ether

## CETETH-4

RD Number: 977054-68-4

*Definition:* Ceteth-4 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 4.

*Information Sources:* 21CFR121.2557

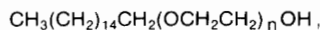
*Other Names:*

Lipocol C-4 (*Lipo*)  
PEG-4 Cetyl Ether  
Polyethylene Glycol 200 Cetyl Ether  
Polyoxyethylene (4) Cetyl Ether

### CETETH-6

*RD Number:* 977054-69-5

*Definition:* Ceteth-6 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 6.

*Information Sources:* CTFA, 21CFR121.2557

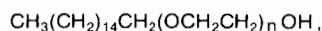
*Other Names:*

Nikkol BC-5.5 (*Nikko*)  
PEG-6 Cetyl Ether  
Polyethylene Glycol 300 Cetyl Ether  
Polyoxyethylene (6) Cetyl Ether

### CETETH-10

*RD Number:* 977054-70-8

*Definition:* Ceteth-10 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 10.

*Information Sources:* CTFA, SNPF,  
21CFR121.2557

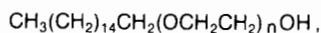
*Other Names:*

Brij 56 (*ICI United States*)  
Lipocol C-10 (*Lipo*)  
PEG-10 Cetyl Ether  
Polyethylene Glycol (10) Cetyl Ether  
Polyoxyethylene (10) Cetyl Ether  
Procol CA-10 (*Protameen*)

### CETETH-16

*RD Number:* 977064-09-7

*Definition:* Ceteth-16 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 16.

*Information Sources:* 21CFR121.2557

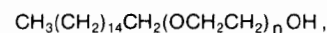
*Other Names:*

Lamacit CA (*Gruenau*)  
PEG-16 Cetyl Ether  
Polyethylene Glycol (16) Cetyl Ether  
Polyoxyethylene (16) Cetyl Ether

### CETETH-20

*CAS Number:* PM9004-95-9

*Definition:* Ceteth-20 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 20.

*Information Sources:* CTFA, BP, BPC, MAR,  
SNPF, 21CFR121.2557

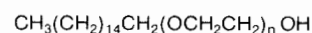
*Other Names:*

Brij 58 (*ICI United States*)  
Cetomacrogol 1000  
Cyclochem NI (*Cyclo*)  
Lipocol C-20 (*Lipo*)  
Nikkol BC-20 (*Nikko*)  
PEG-20 Cetyl Ether  
Polyethylene Glycol 1000 Cetyl Ether  
Polyoxyethylene (20) Cetyl Ether  
Procol CA-20 (*Protameen*)

### CETETH-25

*RD Number:* 977069-13-8

*Definition:* Ceteth-25 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 25.

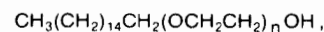
*Other Names:*

Emalex-125 (*Nihon Emulsion*)

### CETETH-30

*RD Number:* 977054-71-9

*Definition:* Ceteth-30 is the polyethylene glycol ether of Cetyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 30.

*Information Sources:* 21CFR121.2557

## Ceteth-30 (Cont.)

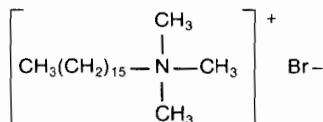
### Other Names:

Lipocol C-30 (*Lipo*)  
PEG-30 Cetyl Ether  
Polyethylene Glycol (30) Cetyl Ether  
Polyoxyethylene (30) Cetyl Ether

## CETRIMONIUM BROMIDE

CAS Number: 57-09-0

**Definition:** Cetrimonium Bromide is a quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** CTFA, BP, BPC, EP, IND, ITA, MAR, MI, USD

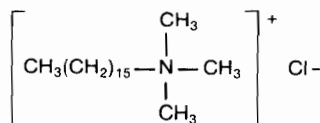
### Other Names:

Acetoquat CTAB (*Aceto Chemical*)  
Bromat (*Fine Organics*)  
CETAB  
Cetrimide (*Fine Organics*)  
Cetyl Trimethyl Ammonium Bromide  
Cycloton V (*Witco/Cyclo Div*)

## CETRIMONIUM CHLORIDE

CAS Number: 112-02-7

**Definition:** Cetrimonium Chloride is a quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** CTFA

### Other Names:

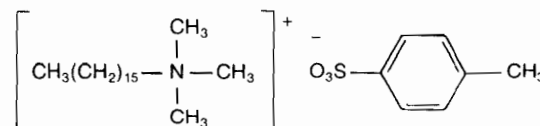
Arquad 16-25 (*Armak*)  
Arquad 16-25W (*Armak*)  
Arquad 16-29 (*Armak*)  
Arquad 16-29W (*Armak*)  
Arquad 16-50 (*Armak*)  
Barquat CT-29 (*Lonza*)  
Barquat CT-429 (*Lonza*)  
Cetyl Trimethyl Ammonium Chloride  
Dehyquart A (*Henkel*)

## CETRIMONIUM TOSYLATE

RD Number: 977056-26-0

## Cetyl Arachidate

**Definition:** Cetrimonium Tosylate is a quaternary ammonium salt that conforms generally to the formula:



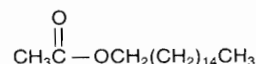
### Other Names:

Cetats (*Fine Organics*)  
Cetyl Trimethyl Ammonium p-Toluene Sulfonate

## CETYL ACETATE

CAS Number: 629-70-9

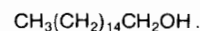
**Definition:** Cetyl Acetate is the ester of cetyl alcohol and acetic acid. It conforms to the formula:



## CETYL ALCOHOL

CAS Number: 124-29-8

**Definition:** Cetyl Alcohol is a mixture of solid alcohols consisting chiefly of n-hexadecanol. It conforms generally to the formula:



**Information Sources:** CTFA, AUS, CZE, FIN, MAR, MI, NED, NF, PF, PN, POR, SNPF, USD, 21CFR121.1164, 21CFR121.1238, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531, 21CFR121.2557

### Other Names:

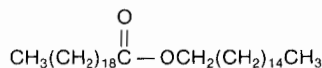
Adol 52 (*Ashland*)  
Adol 54 (*Ashland*)  
Adol 520 (*Ashland*)  
Alfol 16 (*Conoco*)  
Cachalot C-50 (*Michel*)  
Cachalot C-51 (*Michel*)  
Cachalot C-52 (*Michel*)  
Cetal (*Robinson-Wagner*)  
CO-1670 (*Procter & Gamble*)  
CO-1695 (*Procter & Gamble*)  
Crodacol C (*Croda*)  
Cyclal Cetyl Alcohol (*Witco/Cyclo Div*)  
1-Hexadecanol  
n-Hexadecyl Alcohol  
Lorol 24 (*DuPont*)  
Palmityl Alcohol

## CETYL ARACHIDATE

RD Number: 977056-27-1

## Cetyl Arachidate (Cont.)

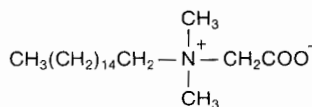
**Definition:** Cetyl Arachidate is the ester of cetyl alcohol and arachidic acid. It conforms generally to the formula:



## CETYL BETAINE

**RD Number:** 977063-74-3

**Definition:** Cetyl Betaine is the zwitterion (inner salt) that conforms to the formula:



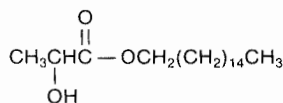
**Other Names:**

Lonzaine 16S (Lonza)  
Product HDN (DuPont)  
Velvetex BP (Textilana)

## CETYL LACTATE

**RD Number:** 977053-25-0

**Definition:** Cetyl Lactate is the ester of cetyl alcohol and lactic acid. It conforms generally to the formula:



**Information Sources:** CTFA, MI

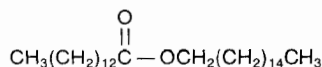
**Other Names:**

Beta CL (Beta)  
Ceraphyl 28 (Van Dyk)  
Cyclochem CL (Cyclo)  
n-Hexadecyl Lactate

## CETYL MYRISTATE

**CAS Number:** 2599-01-1

**Definition:** Cetyl Myristate is the ester of cetyl alcohol and myristic acid. It conforms to the formula:



**Other Names:**

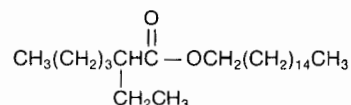
Kessco 654 (Armak)

## CETYL OCTANOATE

**RD Number:** 977063-15-2

## Cetyl Stearate

**Definition:** Cetyl Octanoate is the ester of cetyl alcohol and 2-ethylhexanoic acid. It conforms to the formula:



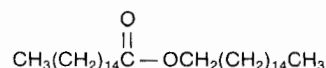
**Other Names:**

Cetyl 2-Ethylhexanoate

## CETYL PALMITATE

**CAS Number:** 540-10-3

**Definition:** Cetyl Palmitate is the ester of cetyl alcohol and palmitic acid. It conforms generally to the formula:



**Information Sources:** MI

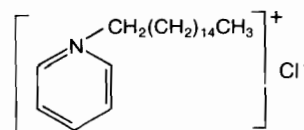
**Other Names:**

Kessco 653 (Armak)  
Standamul 1616 (Henkel)

## CETYL PYRIDINIUM CHLORIDE

**CAS Number:** 123-03-5

**Definition:** Cetylpyridinium Chloride is a quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** BP, BPC, HUN, KOR, MAR, MI, NF, WHO

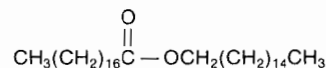
**Other Names:**

Acetoquat CPC (Aceto Chemical)

## CETYL STEARATE

**CAS Number:** 1190-63-2

**Definition:** Cetyl Stearate is the ester of cetyl alcohol and stearic acid. It conforms generally to the formula:



**Other Names:**

n-Hexadecyl Stearate

## Chalk

### CHALK

CAS Number: 13397-25-6

*Definition:* Chalk is a native mineral consisting principally of calcium carbonate.

*Information Sources:* BP, BPC, EGY, MAR, MI

### CHAMOMILE EXTRACT

RD Number: 977060-11-9

*Definition:* Chamomile Extract is an extract of the flowers of *Anthemis nobilis*.

*Information Sources:* DDR, HP, MI, ROM, 21CFR121.101

*Other Names:*

Chamomile Extract, English  
English Chamomile Extract

### CHAMOMILE OIL

CAS Number: MX8015-92-7

*Definition:* Chamomile Oil is the volatile oil distilled from the dried flower heads of *Anthemis nobilis*.

*Information Sources:* FCC, HP, MAR, MI, PF, 21CFR121.101

*Other Names:*

Camomille Oil, English  
Chamomile Oil, English  
Chamomile Oil, Roman  
English Camomille Oil  
English Chamomile Oil  
Roman Chamomile Oil

### CHAULMOOGRA OIL

CAS Number: MX8001-74-9

*Definition:* Chaulmoogra Oil is a fixed oil expressed from the seeds of *Taraktogenos kurzii*.

*Information Sources:* ARG, EGY, IND, KOR, MI, NED, PF, POR

### CHERRY PIT OIL

CAS Number: MX8022-29-5

*Definition:* Cherry Pit Oil is the oil obtained from the kernels of cherries.

*Information Sources:* 21CFR121.1163

*Other Names:*

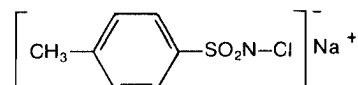
Cherry Kernel Oil  
Lipovol CP (*Lipo*)

## Chloroacetamide

### CHLORAMINE-T

CAS Number: 127-65-1

*Definition:* Chloramine-T is an aromatic sulfonamide that conforms to the formula:



*Information Sources:* AUS, BPC, DA, FIN, ITA, KOR, MAR, MEX, MI, PF, PN, USD

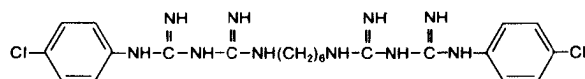
*Other Names:*

Sodium p-Toluenesulfonchloramide

### CHLORHEXIDINE

CAS Number: 55-56-1

*Definition:* Chlorhexidine is an organic compound that conforms to the formula:



*Information Sources:* BP, MAR, MI, USD

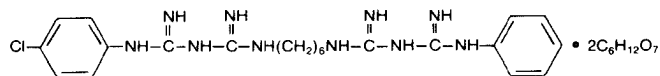
*Other Names:*

1,6-Di(N-p-Chlorophenyldiguanido)hexane  
1,1'-Hexamethylene bis[5-(p-Chlorophenyl)-  
Biguanide]  
Hibitane (*ICI United States*)

### CHLORHEXIDINE DIGLUCONATE

CAS Number: 14007-07-9

*Definition:* Chlorhexidine Digluconate is a complex of Chlorhexidine (q.v.) and gluconic acid. It conforms generally to the formula:



*Information Sources:* BP, BPC, MAR

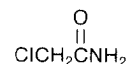
*Other Names:*

Hibitane Digluconate (*ICI United States*)

### CHLOROACETAMIDE

CAS Number: 79-07-2

*Definition:* Chloroacetamide is the aliphatic amide that conforms to the formula:



*Information Sources:* CTFA, MI, SNPF, 21CFR121.2520

## Chloroacetic Acid

### CHLOROACETIC ACID

CAS Number: 79-11-8

*Definition:* Chloroacetic Acid is the acid that conforms to the formula:



*Information Sources:* MI

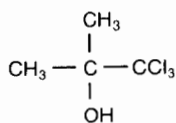
*Other Names:*

Monochloroacetic Acid

### CHLOROBUTANOL

CAS Number: 57-15-8

*Definition:* Chlorobutanol is a halogenated alcohol that conforms to the formula:



*Information Sources:* BP, BPC, BRA, CZE, DDR, FIN, HUN, IND, ITA, MAR, MI, NFJ, PF, PJ, PN, POR, USD, USP, WHO

*Other Names:*

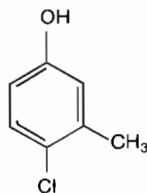
Chlorbutol

1,1,1-Trichloro-2-Methyl-2-Propanol

### p-CHLORO-m-CRESOL

CAS Number: 59-50-7

*Definition:* p-Chloro-m-Cresol is the substituted phenol that conforms to the formula:



*Information Sources:* AUS, BP, BPC, BRA, FIN, IND, ITA, MAR, MI, PN, WHO, 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

*Other Names:*

4-Chloro-3-Methyl Phenol

Ottafact (*Ottawa*)

Parachlorometacresol

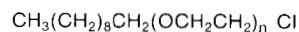
PCMC

### CHLORODECETH-14

RD Number: 977063-75-4

*Definition:* Chlorodeceth-14 is the chlorinated polyethylene glycol ether that conforms generally to the formula:

## Chlorofluorocarbon 114



where n has an average value of 14.

*Other Names:*

Dextrol XL-15 (*Dexter*)

### CHLOROFLUOROCARBON 11

CAS Number: 75-69-4

*Definition:* Chlorofluorocarbon 11 is the halocarbon that conforms to the formula:



*Information Sources:* CTFA, BPC, MAR, MI, NF

*Other Names:*

Freon 11 (*DuPont*)

Genetron 11 (*Allied*)

Propellant 11

Trichlorofluoromethane

UCON Propellant 11 (*Union Carbide*)

### CHLOROFLUOROCARBON 11S

RD Number: 977058-00-6

*Definition:* Chlorofluorocarbon 11S is a stabilized form of Chlorofluorocarbon 11 (q.v.).

*Other Names:*

Freon 11S (*DuPont*)

Propellant 11S

### CHLOROFLUOROCARBON 12

CAS Number: 75-71-8

*Definition:* Chlorofluorocarbon 12 is the halocarbon that conforms to the formula:



*Information Sources:* CTFA, BPC, MAR, MI, NF, 21CFR121.1209

*Other Names:*

Dichlorodifluoromethane

Freon 12 (*DuPont*)

Genetron 12 (*Allied*)

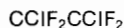
Propellant 12

UCON Propellant 12 (*Union Carbide*)

### CHLOROFLUOROCARBON 114

CAS Number: 76-14-2

*Definition:* Chlorofluorocarbon 114 is the halocarbon that conforms to the formula:



Information Sources: CTFA, BPC, MAR, MI, NF

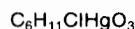
Other Names:

1,2-Dichloro-1,1,2,2-tetrafluoroethane  
Freon 114 (DuPont)  
Genetron 114 (Allied)  
Propellant 114  
UCON Propellant 114 (Union Carbide)

### CHLOROMETHOXYPROPYLMERCURIC ACETATE

CAS Number: 1319-86-4

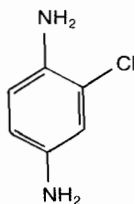
Definition: Chloromethoxypropylmercuric Acetate is the metallo-organic compound that conforms generally to the formula:



### 2-CHLORO-p-PHENYLENEDIAMINE

CAS Number: 615-66-7

Definition: 2-Chloro-p-Phenylenediamine is the halogenated aromatic amine that conforms to the formula:



Information Sources: CI 76065

### CHLOROPHYLLIN-COPPER COMPLEX

CAS Number: 11006-34-1

Definition: Chlorophyllin-Copper Complex is obtained from chlorophyll by replacing the methyl and phytyl ester groups with alkali and replacing the magnesium with copper.

Information Sources: CTFA, CI75810, EEC 141, M3, MAR, SWE, USD, 21CFR8.6014, 21CFR8.8004

Other Names:

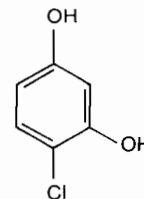
C-Grun 7 (Germany)  
Chlorophyl, Cu Complex  
Chlorophyllin, Cu Na Complex  
Copper Sodium Chlorophyllin  
Germany: C-Grun 7  
Klorofyll (Sweden)

Potassium Sodium Copper Chlorophyllin  
Sweden: Klorofyll

### 4-CHLORORESORCINOL

CAS Number: 95-88-5

Definition: 4-Chlororesorcinol is the halogenated phenol that conforms to the formula:

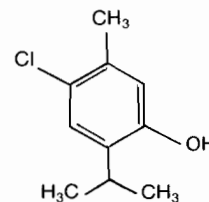


Information Sources: CI 76510

### CHLOROTHYMOL

CAS Number: 89-68-9

Definition: Chlorothymol is the halogenated terpene that conforms to the formula:



Information Sources: CTFA, MAR, MI, NFXII, USD

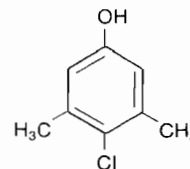
Other Names:

6-Chlorothymol

### CHLOROXYLENOL

CAS Number: 88-04-0

Definition: Chloroxylenol is the substituted phenol that conforms to the formula:



Information Sources: CTFA, BPC, EGY, MAR, MI, USAN, 21CFR121.2520, 21CFR121.2534

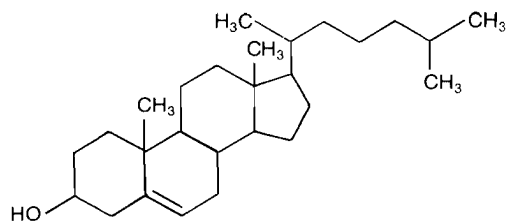
Other Names:

p-Chloro-m-Xylenol  
4-Chloro-3,5-Xylenol  
Husept Extra  
Ottasept Extra (Ottawa)  
PCMX

**CHOLESTEROL**

CAS Number: 57-88-5

**Definition:** Cholesterol is a monounsaturated, secondary alcohol of the cyclopentenophenanthrene system. It conforms to the formula:



**Information Sources:** ARG, AUS, BRA, CZE, DDR, MAR, MI, NFJ, PF, PJ, ROM, SNPF, USD, USP

**Other Names:**  
Polymoist 799 (*Knapp*)

**CHOLETH-10**

RD Number: 977063-08-3

**Definition:** Choleth-10 is the polyethylene glycol ether of Cholesterol (q.v.) with an average ethoxylation value of 10.

**Other Names:**  
PEG-10 Cholesteryl Ether  
Polyethylene Glycol (10) Cholesteryl Ether  
Polyoxyethylene (10) Cholesteryl Ether

**CHOLETH-24**

CAS Number: 1339-49-7

**Definition:** Choleth-24 is the polyethylene glycol ether of Cholesterol (q.v.) with an average ethoxylation value of 24.

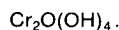
**Information Sources:** CTFA

**Other Names:**  
Ethoxychol-24 (*Lanaetex*)  
PEG-24 Cholesteryl Ether  
Polyethylene Glycol (24) Cholesteryl Ether  
Polyoxyethylene (24) Cholesteryl Ether  
Solulan C-24 (*Amerchol*)

**CHROMIUM HYDROXIDE GREEN**

CAS Number: 12182-82-0

**Definition:** Chromium Hydroxide Green is the inorganic pigment that conforms to the formula:



**Information Sources:** CTFA, CI 77289, 21CFR8.501

**Other Names:**  
A-6931 Cosmetic Green (*Kohnstamm*)  
Chromic Oxide Hydrated  
Cosmetic Green A-6931 (*Kohnstamm*)  
Cosmetic Green C61-6735 (*Sun*)

Cosmetic Green Oxide (*Sun*)  
C61-6735 Cosmetic Green (*Sun*)  
Hydrated Chromium Sesquioxide  
Lo Micron Green 3597 (*Thomasset*)  
3597 Lo Micron Green (*Thomasset*)

**CHROMIUM OXIDE GREENS**

CAS Number: 1308-38-9

**Definition:** Chromium Oxide Greens is the inorganic pigment that conforms generally to the formula:



**Information Sources:** CTFA, CI 77288, M3, MAR, MI, 21CFR8.501

**Other Names:**  
A-8595 Cosmetic Green (*Kohnstamm*)  
C-Grun 9 (*Germany*)  
Chromic Oxide  
Cosmetic Green A-8595 (*Kohnstamm*)  
Cosmetic Green C61-1245 (*Sun*)  
Cosmetic Green C61-3245 (*Sun*)  
C61-1245 Cosmetic Green (*Sun*)  
C61-3245 Cosmetic Green (*Sun*)  
Dichromium Trioxide  
Germany: C-Grun 9  
Ultra Green 3586 (*Thomasset*)  
3586 Ultra Green (*Thomasset*)

**CINCHONA EXTRACT**

RD Number: 977023-60-1

**Definition:** Cinchona Extract is an extract of the bark of various species of *Cinchona*.

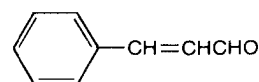
**Information Sources:** ARG, BEL, BRA, DDR, EGY, FIN, HP, IND, ITA, MAR, MI, POL, POR, 21CFR121.1163

**Other Names:**  
Peruvian Bark Extract

**CINNAMAL**

CAS Number: 104-55-2

**Definition:** Cinnamal is an aromatic aldehyde that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.101

**Other Names:**  
Cinnamaldehyde  
Cinnamic Aldehyde  
3-Phenylpropenal



## Cinnamon

### CINNAMON

RD Number: 977000-66-0

**Definition:** Cinnamon is a natural product derived from the dried bark of *Cinnamomum zeylanicum* or *Cinnamomum loureirii*.

**Information Sources:** ARG, BEL, BP, BPC, BRA, DA, FI, HP, HUN, IND, MAR, MEX, MI, NF, PF, PJ, USD, YUG, 21CFR121.101

### CINNAMON OIL

CAS Number: MX8007-80-5

**Definition:** Cinnamon Oil is the volatile oil steam distilled from the leaves and twigs of *Cinnamomum cassia*.

**Information Sources:** AUS, BEL, BPC, BRA, CZE, DA, EGY, FCC, FI, HUN, IND, MAR, MEX, MI, NED, PF, POR, ROM, USD, USP, YUG, 21CFR121.101

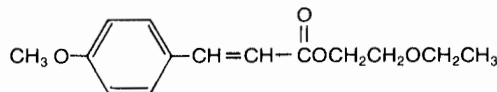
**Other Names:**

Cassia Oil  
Oil of Cassia  
Oil of Cinnamon  
Oil of Cinnamon, Ceylon

### CINOXATE

CAS Number: 104-28-9

**Definition:** Cinoxate is the aromatic ether that conforms to the formula:



**Information Sources:** CTFA, MI, USAN

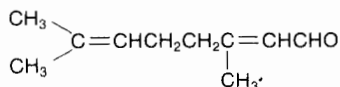
**Other Names:**

2-Ethoxyethyl-p-Methoxycinnamate  
Giv-Tan F (*Givaudan*)  
Phiasol

### CITRAL

RD Number: 977050-45-5

**Definition:** Citral is the aldehyde that conforms to the structure:

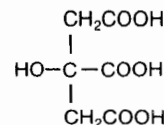


**Information Sources:** FCC, MI, 21CFR121.101

### CITRIC ACID

CAS Number: 77-92-9

**Definition:** Citric Acid is the organic acid that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HP, HUN, IND, MAR, MEX, MI, PF, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, YUG, 21CFR121.101

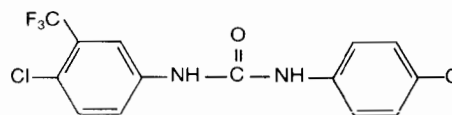
**Other Names:**

Citric Acid Anhydrous  
Citric Acid Monohydrate  
2-Hydroxy-1,2,3-Propane Tricarboxylic Acid

### CLOFLUCARBAN

CAS Number: 369-77-7

**Definition:** Cloflucarban is the halogenated carbanilide that conforms to the formula:



**Information Sources:** MI, USAN

**Other Names:**

4,4'-Dichloro-3-(Trifluoromethyl)-Carbanilide  
Irgasan CF-3 (*Ciba-Geigy*)

### CLOVELEAF OIL

CAS Number: MX8015-97-2

**Definition:** Cloveleaf Oil is the volatile oil obtained by steam distillation of leaves of *Eugenia caryophyllus*. It consists chiefly of the phenol, eugenol.

**Information Sources:** FCC, 21CFR121.101

### CLOVE OIL

CAS Number: MX8000-34-8

**Definition:** Clove Oil is the volatile oil steam distilled from the dried flower buds of *Eugenia caryophyllus*. It consists chiefly of the phenolic, eugenol.

**Information Sources:** AUS, BP, BPC, BRA, DA, DDR, EGY, FCC, FI, HUN, IND, MAR, MEX, MI, PF, PJ, POR, ROM, SNPF, USD, USP, YUG, 21CFR121.101

**Other Names:**

Oil of Clove

### CLOVER BLOSSOM EXTRACT

RD Number: 977070-51-1

**Definition:** Clover Blossom Extract is an extract of the flowers of *Trifolium pratense*.

## Clover Blossom Extract (Cont.)

Information Sources: 21CFR121.101

Other Names:

Trifolium Extract

## COAL TAR

CAS Number: MX8007-45-2

Definition: Coal Tar is a thick liquid or semi-solid obtained as a by-product in the destructive distillation of bituminous coal.

Information Sources: BP, BPC, EGY, IND, KOR, MAR, MI, PF, USD, USP, YUG

Other Names:

Zetar (Dermik Labs)

## COBALT NAPHTHENATE

RD Number: 977056-30-6

Definition: Cobalt Naphthenate is a cobalt salt of indefinite composition of saturated, nonparaffinic hydrocarbon acids derived from petroleum.

Information Sources: 21CFR121.2576

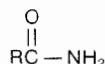
Other Names:

Cobaltous Naphthenate

## COCAMIDE

RD Number: 977056-31-7

Definition: Cocamide is the aliphatic amide that conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC}- \end{array}$  represents the coconut acid radical.

Information Sources: 21CFR121.2550

Other Names:

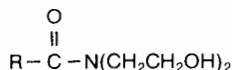
Armide C (Armak)

Coconut Acid Amide

## COCAMIDE DEA

RD Number: 977023-50-9

Definition: Cocamide DEA is a mixture of ethanolamides of Coconut Acid (q.v.). It conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC}- \end{array}$  represents the coconut acid radical.

Information Sources: 21CFR121.2507,  
21CFR121.2535

## Cocamide DEA

Other Names:

Alrosol Conc (Ciba-Geigy)

Amide No. 72 (Procter & Gamble)

Aminol CO-S (Finetex)

Aminol COR-2 (Finetex)

Aminol CS-2 (Finetex)

Aminol HCA (Finetex)

Betamid C-20 (Beta)

N,N-Bis (2-Hydroxyethyl)-Coco Fatty Acid Amide

Calamide C (Pilot)

Carsamide C-3 (Carson)

Carsamide C-7644 (Carson)

Carsamide C-7649 (Carson)

Carsamide C-7944 (Carson)

Carsamide CA (Carson)

Carsamide SAC (Carson)

Clindrol Superamide 100C (Clintwood)

Clindrol Superamide 100CG (Clintwood)

Clindrol 200CG (Clintwood)

Clindrol 200CGN (Clintwood)

Clindrol 200HC (Clintwood)

Clindrol 200RC (Clintwood)

Clindrol 202CGN (Clintwood)

Clindrol 203CG (Clintwood)

Clindrol 204CG (Clintwood)

Clindrol 206CGN (Clintwood)

Clindrol 207CGN (Clintwood)

Clindrol 209CGN (Clintwood)

Coconut Diethanolamide

Coconut Fatty Acid Diethanolamide

Cocoyl Diethanolamide

Comperlan KD (Henkel)

Condensate CO (Continental Chemical)

Condensate HCA (Chemical Products)

Condensate NP (Continental Chemical)

Condensate PA (Continental Chemical)

Condensate PN (Continental Chemical)

Condensate PO (Continental Chemical)

Condensate PS (Continental Chemical)

Condensate PSR (Continental Chemical)

Condensate X-45R (Chemical Products)

Condensate X-45W (Chemical Products)

Cyclomide CD (Witco/Cyclo Div)

Diethanolamine Coconut Fatty Acid Condensate

Emid 6515 (Malmstrom)

Emid 6531 (Malmstrom)

Empilan CDE (Marchon)

Foamole AR (Van Dyk)

Foamole 2-AC-2 (Van Dyk)

Gafamide CDD-518 (GAF)

Lanamid 50 (Lancaster)

Lanamid 55 (Lancaster)

Lanamid 120 (Lancaster)

Lanamid 120S (Lancaster)

Lanamid 150 (Lancaster)

Monamid ADD-633-LE (Mona)

Monamid 150-ADD (Mona)

Monamid 150-CEW-C (Mona)

Monamid 759 (Mona)

Monamid 815 (Mona)

Monamine AA-100 (Mona)

Monamine ADD-100 (Mona)

Monamine ADD-100-LE (Mona)

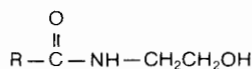
Ninol 128 Extra (Stepan)

Ninol 2012 Extra (Stepan)  
 Nitrene 6209 (Textilana)  
 Protamide CKD (Protameen)  
 Protamide DCA (Protameen)  
 Protamide DCAW (Protameen)  
 Protamide HCA (Protameen)  
 Rewomid DC 212/S (Rewo)  
 Rewomid DL 240 (Rewo)  
 Richamide M-3 (Richardson)  
 Richamide 6404 (Richardson)  
 Sanamid 29B (Clintwood)  
 Schercomid CDA (Scher Bros.)  
 Schercomid CDOR Extra (Scher Bros.)  
 Schercomid SCE (Scher Bros.)  
 Schercomid SCO Extra (Scher Bros.)  
 Standamid KD (Henkel)  
 Standamid KDM (Henkel)  
 Standamid PD (Henkel)  
 Standamid SD (Henkel)  
 Stepan P-650 (Stepan)  
 Super Amide B-5 (Onyx)  
 Super Amide GR (Onyx)  
 Synotol CN-60 (PVO)  
 Synotol CN-60-2 (PVO)  
 Synotol CN-60S (PVO)  
 Synotol CN-80 (PVO)  
 Unamide JJ-35 (Lonza)  
 Unamide N-72-3 (Lonza)  
 Varamide A1 (Ashland)  
 Varamide MA-1 (Ashland)  
 Witcamide 1017 (Witco)  
 Witcamide 5130 (Witco)

**COCAMIDE MEA**

CAS Number: MX8052-62-8

*Definition:* Cocamide MEA is a mixture of monoethanolamides of Coconut Acid (q.v.). It conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{R}}\text{C}-$  represents the coconut acid radical.

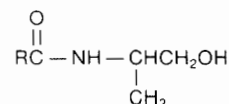
*Other Names:*

Amide No. 27 (Procter & Gamble)  
 Aminol CFM (Finetex)  
 Clindrol 100MC (Clintwood)  
 Coco Monoethanolamide  
 Coconut Fatty Acid Monoethanolamide  
 Cocoyl Monoethanolamine  
 Comperlan 100 (Henkel)  
 Cyclomide CM (Witco/Cyclo Div)  
 Emid 6500 (Malmstrom)  
 Foamole M (Van Dyk)  
 N-(2-Hydroxyethyl) Coco Fatty Acid Amide  
 Monamid CMA (Mona)  
 Monoethanolamine Coconut Acid Amide  
 Onyxol 12 (Onyx)  
 Standamid CM (Henkel)

**COCAMIDE MIPA**

CAS Number: MX8039-67-6

*Definition:* Cocamide MIPA is a mixture of monoisopropanolamides of Coconut Acid (q.v.). It conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{R}}\text{C}-$  represents the coconut acid radical.

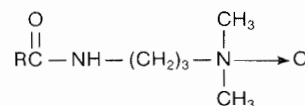
*Other Names:*

Coconut Isopropanolamide  
 Cyclomide CP (Witco/Cyclo Div)  
 Monamid CIPA (Mona)  
 Monoisopropanolamine Coconut Acid Amide  
 Rewomid IPP 240 (Rewo)

**COCAMIDOPROPYLAMINE OXIDE**

RD Number: 977063-76-5

*Definition:* Cocamidopropylamine Oxide is the tertiary amine oxide that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{R}}\text{C}-$  represents the coconut acid radical.

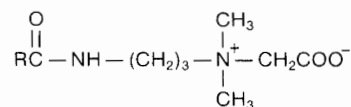
*Other Names:*

Ammonyx CDO (Onyx)  
 Barlox C (Lonza)  
 Rewopon B 204 (Rewo)  
 Rewopon B 204 T (Rewo)

**COCAMIDOPROPYL BETAINE**

RD Number: 977056-32-8

*Definition:* Cocamidopropyl Betaine is the zwitterion (inner salt) that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{R}}\text{C}-$  represents the coconut acid radical.

*Other Names:*

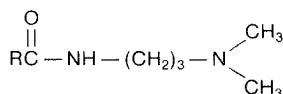
CADG  
 Carsonam 3 (Carson)  
 Carsonam 33S (Carson)  
 Carsonam 3147 (Carson)  
 Chemadene NA-30 (Richardson)  
 Cocamido Propyl Dimethyl Glycine  
 Cocoyl Amide Propylbetaine  
 Lonzaine C (Lonza)  
 Monateric CAB (Mona)

Rewopon AM-BI3T (*Rewo*)  
 Tegobetaine C (*Inolex*)  
 Varion CADG (*Ashland*)  
 Velvetex BA (*Textilana*)  
 Velvetex BAW (*Textilana*)

**COCAMIDOPROPYL DIMETHYLAMINE**

RD Number: 977062-33-1

*Definition:* Cocamidopropyl Dimethylamine is the amidoamine that conforms generally to the formula:



where  $\text{RC} \begin{array}{c} \text{O} \\ || \\ \text{H} \end{array}$  represents the coconut acid radical.

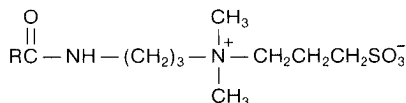
*Other Names:*

Amine 100 (*Richardson*)  
 Tegamine C-13 (*Inolex*)

**COCAMIDOPROPYL SULTAINE**

RD Number: 977063-77-6

*Definition:* Cocamidopropyl Sultaine is the zwitterion (inner salt) that conforms to the formula:



where  $\text{RC} \begin{array}{c} \text{O} \\ || \\ \text{H} \end{array}$  represents the coconut acid radical.

*Other Names:*Lonzaine CS (*Lonza*)**COCAMINE**

RD Number: 977056-33-9

*Definition:* Cocamine is the primary aliphatic amine derived from Coconut Oil (q.v.). It conforms generally to the formula:



where R represents the coconut radical.

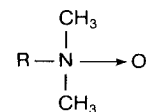
*Other Names:*

Armeen C (*Armak*)  
 Armeen CD (*Armak*)  
 Coconut Amine

**COCAMINE OXIDE**

RD Number: 977056-34-0

*Definition:* Cocamine Oxide is the amine oxide of Dimethyl Cocamine (q.v.). It conforms generally to the formula:



where R represents the coconut radical.

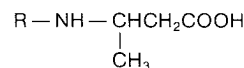
*Other Names:*

Aromox DMC (*Armak*)  
 Aromox DMC-W (*Armak*)  
 Aromox DMCD (*Armak*)  
 Barlox 12 (*Lonza*)  
 Cocodimethyl Amine Oxide  
 Dimethylcocoamine Oxide  
 Textamine Oxide (*Textilana*)  
 Textamine Oxide C-50 (*Textilana*)  
 Varox 375-O (*Ashland*)  
 Varox 1770 (*Ashland*)

**COCAMINOBTYRIC ACID**

RD Number: 977060-73-3

*Definition:* Cocaminobutyric Acid is the substituted amino acid that conforms generally to the formula:

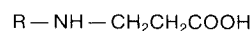


where R represents the coconut radical.

*Other Names:*Armeen Z (*Armak*)**COCAMINOPROPIONIC ACID**

RD Number: 977056-35-1

*Definition:* Cocaminopropionic Acid is the substituted propionic acid that conforms generally to the formula:



where R represents the coconut radical.

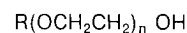
*Information Sources:* CTFA*Other Names:*

N-Coco-2-Aminopropionic Acid  
 Deriphat 151C (*General Mills*)

**COCETH-8**

RD Number: 977064-10-0

*Definition:* Coceth-8 is the polyethylene glycol ether of Coconut Alcohol (q.v.) that conforms generally to the formula:



where R represents the coconut radical and n has an average value of 8.

*Other Names:*

PEG-8 Coconut Alcohol  
Polyethylene Glycol 400 Coconut Ether  
Polyoxyethylene (8) Coconut Ether

**COCOA BUTTER**

CAS Number: MX8002-31-1

*Definition:* Cocoa Butter is a yellowish white solid obtained from the roasted seeds of *Theobroma cacao*.

*Information Sources:* ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, EGY, FI, FIN, HUN, ITA, MAR, MI, NED, PF, PJ, PN, POL, POR, ROM, SNPF, USD, USP, YUG, 21CFR121.101

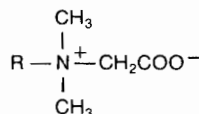
*Other Names:*

Cacao Butter  
Theobroma Oil

**COCO-BETAINE**

RD Number: 977056-36-2

*Definition:* Coco-Betaine is the zwitterion (inner salt) that conforms generally to the formula:



where R represents the coconut radical.

*Other Names:*

Coco Dimethyl Glycine  
Coconut Betaine  
Dehyton AB-30 (*Henkel*)  
Emcol CC37-18 (*Witco*)  
Lonzaine 12C (*Lonza*)  
Protachem CB 45 (*Protameen*)  
Standapol AB-45 (*Henkel*)  
Velvetex BC (*Textilana*)

**COCO-HYDROLYZED ANIMAL PROTEIN**

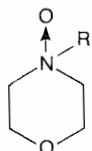
RD Number: 977069-14-9

*Definition:* Coco-Hydrolyzed Animal Protein is the condensation product of Coconut Acid (q.v.) and Hydrolyzed Animal Protein (q.v.).

**COCO-MORPHOLINE OXIDE**

RD Number: 977063-79-8

*Definition:* Coco-Morpholine Oxide is the substituted cyclic tertiary amine oxide that conforms to the formula:



where R represents the coconut radical.

*Other Names:*

Aromox N-CM-W (*Armak*)  
Barlox NCM (*Lonza*)

**COCONUT ACID**

CAS Number: MX8037-14-7

*Definition:* Coconut Acid is a mixture of fatty acids derived from Coconut Oil (q.v.).

*Information Sources:* CTFA, PN, SNPF, 21CFR121.2535

*Other Names:*

C-108 (*Procter & Gamble*)  
C-110 (*Procter & Gamble*)  
Coco Fatty Acid  
Coconut Fatty Acids  
Emery 622 (*Emery*)  
Emery 626 (*Emery*)  
Groco 24 (*Gross, A.*)  
Groco 25 (*Gross, A.*)  
Groco 26 (*Gross, A.*)  
Neo-Fat 255 (*Armak*)  
Neo-Fat 265 (*Armak*)  
Wecoline 1245 (*PVO*)  
Wecoline 1250 (*PVO*)  
Wecoline 1260-A (*PVO*)

**COCONUT ALCOHOL**

RD Number: 977056-37-3

*Definition:* Coconut Alcohol is a mixture of straight chain alcohols obtained by the reduction of Coconut Acid (q.v.).

*Information Sources:* 21CFR121.2535

*Other Names:*

CO-618 (*Procter & Gamble*)  
Coconut Fatty Alcohol  
Lorol (*DuPont*)

**COCONUT OIL**

CAS Number: MX8001-31-8

*Definition:* Coconut Oil is a fixed oil obtained by expression from the kernels of the seeds of *Cocos nucifera*.

*Information Sources:* CTFA, BPC, FI, KOR, MAR, MI, PF, 21CFR121.101, 21CFR121.2519, 21CFR121.2535

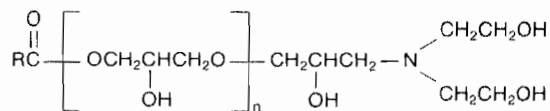
*Other Names:*

Cobee (*PVO*)  
Cobee 76 (*PVO*)  
Copra Oil  
Pureco 76 (*Capital City*)

**Coco-Polyglyceryl-4  
Hydroxypropyl Dihydroxyethylamine**

**COCO-POLYGLYCERYL-4  
HYDROXYPROPYL  
DIHYDROXYETHYLAMINE**

**Definition:** Coco-Polyglyceryl-4 Hydroxypropyl Dihydroxyethylamine is the amine that conforms generally to the formula:

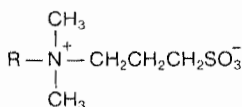


where  $\text{RC} \begin{array}{c} \text{O} \\ \parallel \end{array}$  represents the coconut acid radical and  $n$  has an average value of 4.

**COCO-SULTAINE**

*RD Number:* 977063-78-7

**Definition:** Coco-Sultaine is the zwitterion (inner salt) that conforms generally to the formula:



where R represents the coconut radical.

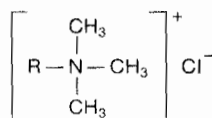
**Other Names:**

Lonzaine 12CS (*Lonza*)

**COCOTRIMONIUM CHLORIDE**

*RD Number:* 977056-39-4

**Definition:** Cocotrimonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



where R represents the coconut radical.

**Other Names:**

Arquad C-50 (*Armak*)

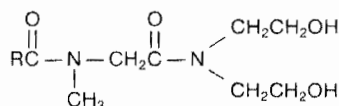
Coconut Trimethylammonium Chloride

Cocoyl Trimethyl Ammonium Chloride

**COCOYL SARCOSINAMIDE DEA**

*RD Number:* 977064-11-1

**Definition:** Cocoyl Sarcosinamide DEA is the amide that conforms generally to the formula:



where  $\text{RC} \begin{array}{c} \text{O} \\ \parallel \end{array}$  represents the coconut acid radical.

**Collodion**

**Other Names:**

N,N-Bis(2-Hydroxyethyl) Cocoyl Sarcosinamide

Cyclomide DS (*Cyclo*)

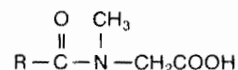
Cyclomide DS (*Witco/Cyclo Div*)

Diethanolamine Cocoyl Sarcosinamide

**COCOYL SARCOSINE**

*RD Number:* 977056-38-4

**Definition:** Cocoyl Sarcosine is the N-cocoyl derivative of sarcosine that conforms generally to the formula:



where  $\text{RC} \begin{array}{c} \text{O} \\ \parallel \end{array}$  represents the coconut acid radical.

**Information Sources:** CTFA

**Other Names:**

N-Cocoyl Sarcosine

N-Cocoyl-N-Methyl Glycine

Hamosyl C (*Hampshire*)

Maprosyl C (*Onyx*)

Sarkosyl LC (*Ciba-Geigy*)

Vanseal CS (*Vanderbilt*)

**COD LIVER OIL**

*CAS Number:* MX8001-69-2

**Definition:** Cod Liver Oil is the fixed oil expressed from the fresh livers of *Gadus morrhua* and other *Gadidae* species of codfish.

**Information Sources:** AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FI, FIN, HP, HUN, MAR, MEX, MI, NF, PF, PJ, PN, POL, POR, ROM, USD, WHO, YUG, 21CFR121.2535

**COLLAGEN**

*CAS Number:* PM9007-34-5

**Definition:** Collagen is the protein derived from cartilage and other connective tissues in animals.

**Information Sources:** MI

**Other Names:**

Collasol (*Croda*)

**COLLODION**

*CAS Number:* MX8050-69-9

**Definition:** Collodion is a solvent solution of Pyroxylin (chiefly nitrocellulose). It contains approximately 6% pyroxylin, 24% ethanol and 70% ether.

**Information Sources:** ARG, AUS, BP, BPC, DDR, EGY, FIN, HUN, MEX, MI, PF, POL, USP, USSR, YUG

**COLLOIDAL SULFUR**

*Definition:* Colloidal Sulfur is a pale yellow dried mixture of sulfur and Acacia (q.v.).

*Information Sources:* CTFA

*Other Names:*  
Sulfur, Colloidal

**COLOCYNTH**

*RD Number:* 977000-72-8

*Definition:* Colocynth is the dried pulp of the fruit *Citrullus colocynthis*.

*Information Sources:* BP1963, EGY, HP, MAR, MI, USD

*Other Names:*  
Bitter Apple

**COLOCYNTH EXTRACT**

*RD Number:* 977000-73-9

*Definition:* Colocynth Extract is an extract of the fruit of *Citrullus colocynthis*.

*Information Sources:* HP, USD

*Other Names:*  
Colocynth Fluid Extract

**COLTSFOOT EXTRACT**

*RD Number:* 977024-70-6

*Definition:* Coltsfoot Extract is an extract of the flowers of *Tussilago farfara*.

*Information Sources:* HP, MI

**COMFREY EXTRACT**

*RD Number:* 977064-12-2

*Definition:* Comfrey Extract is an extract of the roots and rhizomes of *Symphytum officinale*.

*Information Sources:* HP

**CONEFLOWER EXTRACT**

*RD Number:* 977064-13-3

*Definition:* Coneflower Extract is an extract of the roots of *Echinacea pallida*.

*Information Sources:* HP, MI

*Other Names:*  
Echinacea Root Extract

**COPAL**

*CAS Number:* PM9000-14-0

*Definition:* Copal is a resin obtained as a fossil or as an exudate from various species of *Leguminosae*.

*Information Sources:* MI, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520

*Other Names:*  
Gum Copal  
Resin Copal

**COPPER POWDER**

*CAS Number:* 7440-50-8

*Definition:* Copper Powder is the color additive consisting of powdered metallic powder.

*Information Sources:* CI 77400, HP, MAR, MI, USD, 21CFR8.501

*Other Names:*  
Copper, Metallic Powder

**CORIANDER OIL**

*CAS Number:* MX8008-52-4

*Definition:* Coriander Oil is the volatile oil obtained from the dried fruit of *Coriandrum sativum*.

*Information Sources:* ARG, BP, BPC, CZE, FCC, IND, MAR, MI, NED, USD, USP, USSR, 21CFR121.101

*Other Names:*  
Oil of Coriander

**CORN ACID**

*RD Number:* 977056-39-5

*Definition:* Corn Acid is a mixture of fatty acids derived from Corn Oil (q.v.).

*Information Sources:* CTFA

*Other Names:*  
Corn Fatty Acids  
Glycon DC (*Glyco*)  
Groco 29 (*Gross, A.*)

**CORN COB MEAL**

*RD Number:* 977056-40-8

*Definition:* Corn Cob Meal is the milled powder prepared from the cobs of *Zea mays*.

**CORN FLOUR**

*RD Number:* 977054-11-7

*Definition:* Corn Flour is the powder prepared from the fine grinding of the inner portion of the seeds of *Zea mays*.

*Information Sources:* ARG

*Other Names:*  
Flour, Corn

## Corn Oil

### CORN OIL

CAS Number: MX8001-30-7

*Definition:* Corn Oil is the refined fixed oil obtained from the wet milling of corn, *Zea mays*.

*Information Sources:* BP, BPC, MAR, MI, USD, USP, 21CFR121.2519

*Other Names:*  
Maize Oil

### CORN STARCH

RD Number: 977050-51-3

*Definition:* Corn Starch is a natural material obtained from the grains of corn, *Zea mays*. It consists primarily of amylose and amylopectin.

*Information Sources:* AUS, BEL, BP, BPC, BRA, DA, DDR, EGY, EP, IND, ITA, MAR, MEX, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, YUG, 21CFR121.101

*Other Names:*  
Argo Brand Corn Starch (*Best Foods*)  
Melogel (*National Starch*)  
Starch, Corn

### CORN SYRUP

RD Number: 977004-12-8

*Definition:* Corn Syrup is a stable aqueous solution of corn sugar, primarily D-glucose.

*Information Sources:* EGY

*Other Names:*  
Corn Sugar Syrup

### COTTON

RD Number: 977020-16-8

*Definition:* Cotton is a soft white cellulosic substance composed of the fibers surrounding the seeds of various plants (Genus *Gossypium*) of the mallow family.

*Information Sources:* BEL, CZE, DDR, EGY, FI, POL, USP, YUG, 21CFR121.2535, 21CFR121.2562

### COTTONSEED ACID

RD Number: 977063-80-1

*Definition:* Cottonseed Acid is the mixture of fatty acids derived from Cottonseed Oil (q.v.).

*Information Sources:* CTFA, 21CFR121.2535

*Other Names:*  
Cottonseed Fatty Acids, Distilled

### COTTONSEED GLYCERIDE

CAS Number: MX8040-08-2

## Cream

*Definition:* Cottonseed Glyceride is the monoglyceride derived from refined cottonseed oil.

*Other Names:*  
Cottonseed Oil Monoglyceride  
Myverol 18-85 (*Eastman*)

### COTTONSEED OIL

CAS Number: MX8001-29-4

*Definition:* Cottonseed Oil is the oil expressed from the seeds of various species of the cotton, *Gossypium*.

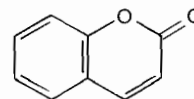
*Information Sources:* CTFA, ARG, BP1971, BPC1971, BRA, EGY, MAR, MEX, MI, POR, USD, USP, 21CFR121.2514, 21CFR121.2519, 21CFR121.2535

*Other Names:*  
Cottonseed Oil, Winterized

### COUMARIN

CAS Number: 91-64-5

*Definition:* Coumarin is the organic lactone that conforms to the formula:



It is found in tonka beans, lavender oil and sweet clover.

*Information Sources:* MAR, MI, NED, PJ, 21CFR121.106

*Other Names:*  
Tonka Bean Camphor

### CRATAEGUS EXTRACT

CAS Number: MX8057-51-0

*Definition:* Crataegus Extract is an extract of *Crataegus oxyacantha*.

*Information Sources:* BEL, BRA, HP, MAR, MI

*Other Names:*  
Hawthorn Extract

### CREAM

RD Number: 977063-81-2

*Definition:* Cream is the yellowish part of cow's milk. It contains 18 to 40 percent butterfat.

*Information Sources:* 21CFR18.1

*Other Names:*  
Heavy Cream



## Creosote

### CREOSOTE

CAS Number: MX8021-39-4

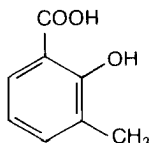
*Definition:* Creosote is a phenolic mixture obtained from wood tar.

*Information Sources:* ARG, EGY, FIN, HP, IND, ITA, MAR, MI, NFXII, PF, PJ, POR, USD

### o-CRESOTIC ACID

CAS Number: MX8006-63-1

*Definition:* o-Cresotic Acid is the substituted phenol that conforms to the formula:



*Information Sources:* MI

*Other Names:*

o-Homosalicylic Acid  
2-Hydroxy-m-Toluic Acid

### CUCUMBER EXTRACT

RD Number: 977060-41-5

*Definition:* Cucumber Extract is an extract of the cucumber, *Cucumis sativus*.

### CUCUMBER JUICE

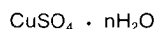
CAS Number: MX8024-36-0

*Definition:* Cucumber Juice is the expressed aqueous fraction of the whole cucumber, *Cucumis sativus*.

### CUPRIC SULFATE

CAS Number: 7758-98-7

*Definition:* Cupric Sulfate is the inorganic salt that conforms to the formula:

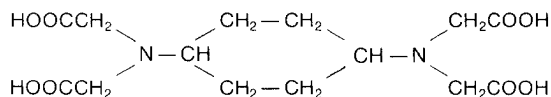


*Information Sources:* ARG, AUS, BPC, DDR, EGY, FIN, HUN, IND, MAR, MEX, MI, NF, PF, PJ, PN, POR, ROM, USD, USSR, YUG, 21CFR121.101

### CYCLOHEXANEDIAMINE TETRAACETIC ACID

CAS Number: 482-54-2

*Definition:* Cyclohexanediamine Tetraacetic Acid is the substituted amine that conforms to the formula:



## o-Cymen-5-ol

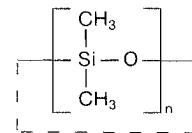
*Other Names:*

CDTA  
Chel CD (*Ciba-Geigy*)

### CYCLOMETHICONE

RD Number: 977061-03-2

*Definition:* Cyclomethicone is a cyclic dimethyl polysiloxane compound that conforms to the formula:



where n averages between 3 and 6.

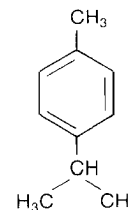
*Other Names:*

Dow Corning F-218A Fluid (*Dow Corning*)  
Dow Corning F-13597 Fluid (*Dow Corning*)  
Dow Corning Q-2-1053 Fluid (*Dow Corning*)  
Dow Corning 344 Fluid (*Dow Corning*)  
Dow Corning 345 Fluid (*Dow Corning*)  
Silicone CF-1173 (*General Electric*)  
Silicone F-218A Fluid (*Dow Corning*)  
Silicone F-13597 Fluid (*Dow Corning*)  
Silicone Q-2-1053 Fluid (*Dow Corning*)  
Silicone 344 Fluid (*Dow Corning*)  
Silicone 345 Fluid (*Dow Corning*)  
Siloxane F-223 (*SWS Silicones*)  
Siloxane SWS-03314 (*SWS Silicones*)  
Siloxane SWS-03400 (*SWS Silicones*)  
Volatile Silicone 7158 (*Union Carbide*)  
Volatile Silicone 7207 (*Union Carbide*)

### p-CYMENE

CAS Number: 99-87-6

*Definition:* p-Cymene is the aromatic hydrocarbon that conforms to the formula:



*Information Sources:* MI, 21CFR121.1164

*Other Names:*

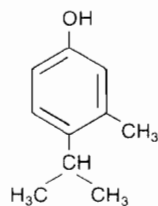
1-Methyl-4-Isopropylbenzene  
Para-Cymene

### o-CYMEN-5-OL

CAS Number: 3228-02-2

*Definition:* o-Cymen-5-ol is the substituted phenol that conforms to the formula:

*o*-Cymen-5-ol (Cont.)



*Other Names:*

Biosol (*Osaka Kasei*)

**CYPRESS EXTRACT**

*RD Number:* 977069-15-0

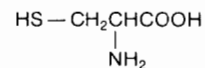
*Definition:* Cypress Extract is an extract derived from the leaves and twigs of the cypress tree, *Cupressus sempervirens*.

**CYSTEINE**

*CAS Number:* 4371-52-2

*Definition:* Cysteine is the amino acid that conforms to the formula:

*Cystine*

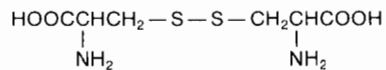


*Information Sources:* FCC, MI, 21CFR121.104, 21CFR121.1002

**CYSTINE**

*CAS Number:* (L Form) 56-89-3  
(DL Form) 923-32-0

*Definition:* Cystine is the amino acid that conforms to the formula:



*Information Sources:* DDR, FCC, MAR, MI, 21CFR121.1002

# MONOGRAPHS

## D

### DAMAR

CAS Number: PM9000-16-2

*Definition:* Damar is the resinous exudate from a species of *Shorea*, *Dipterocarpaceae*.

*Information Sources:* CTFA, AUS, MI, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520

*Other Names:*  
Damar Gum  
Gum Damar

### DANDELION EXTRACT

RD Number: 977068-83-9

*Definition:* Dandelion Extract is an extract of the rhizome and roots of *Taraxacum officinalis*.

*Information Sources:* FIN, MAR, 21CFR121.101

*Other Names:*  
Taraxacum Extract

### DANDELION ROOT

RD Number: 977000-87-5

*Definition:* Dandelion Root is the dried rhizome and roots of *Taraxacum palustre*.

*Information Sources:* FIN, HUN, MI, POL, POR, USSR, 21CFR121.101

*Other Names:*  
Taraxacum

### D & C BLUE NO. 1 ALUMINUM LAKE

RD Number: 977059-22-5

*Definition:* D & C Blue No. 1 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Blue No. 1 extended on an appropriate substrate in compliance with 21CFR9.280. Acid Blue 9, the uncertified counterpart of FD & C Blue No. 1, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Blue No. 1 Aluminum Lake to apply.

*Information Sources:* 21CFR8.501

*Other Names:*  
D & C Blue #1 Aluminum Lake K-7117  
(Kohnstamm)  
K-7117 D & C Blue #1 Aluminum Lake  
(Kohnstamm)

### D & C BLUE NO. 2 ALUMINUM LAKE

RD Number: 977059-25-8

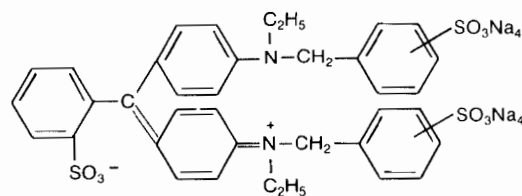
*Definition:* D & C Blue No. 2 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Blue No. 2 extended on an appropriate substrate in compliance with 21CFR9.280. Acid Blue 74, the uncertified counterpart of FD & C Blue No. 2, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Blue No. 2 Aluminum Lake to apply.

*Information Sources:* 21CFR8.501

### D & C BLUE NO. 4

CAS Number: 37307-56-5

*Definition:* D & C Blue No. 4 is a color classed chemically as a triphenylmethane color. It conforms to the formula:



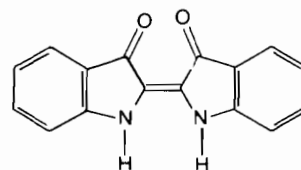
This color is the ammonium salt of FD & C Blue No. 1. The name D & C Blue No. 4 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Blue 9 Ammonium Salt.

*Information Sources:* CI 42090, 21CFR8.501, 21CFR9.240

### D & C BLUE NO. 6

CAS Number: 482-89-3

*Definition:* D & C Blue No. 6 is a color classed chemically as an indigoid color. It conforms to the formula:



## D & C Blue No. 6 (Cont.)

The name D & C Blue No. 6 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Vat Blue 1.

*Information Sources:* CI 73000, JC, 21CFR8.501, 21CFR9.242

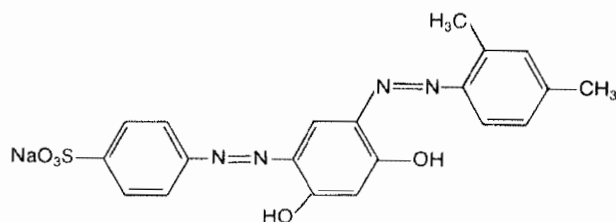
### *Other Names:*

D & C Blue #6 K-7024 (*Kohnstamm*)  
K-7024 D & C Blue #6 (*Kohnstamm*)

## D & C BROWN NO. 1

*CAS Number:* 1320-07-6

*Definition:* D & C Brown No. 1 is a color classed chemically as a disazo color. It conforms to the formula:



The name D & C Brown No. 1 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Orange 24.

*Information Sources:* CI 20170, JC, M3, 21CFR8.501, 21CFR9.230

## D & C GREEN NO. 3 ALUMINUM LAKE

*RD Number:* 977059-20-3

*Definition:* D & C Green No. 3 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Green No. 3 extended on an appropriate substrate in compliance with 21CFR9.280. Food Green 3, the uncertified counterpart of FD & C Green No. 3, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Green No. 3 Aluminum Lake to apply.

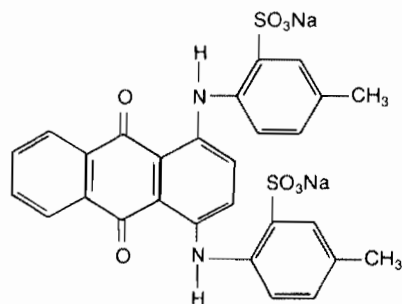
*Information Sources:* 21CFR8.501

## D & C GREEN NO. 5

*CAS Number:* 4403-90-1

*Definition:* D & C Green No. 5 is a color classed chemically as an anthraquinone color. It conforms to the formula:

## D & C Green No. 8



The name D & C Green No. 5 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Green 25.

*Information Sources:* CI 61570, JC, M3, 21CFR8.501, 21CFR8.4069

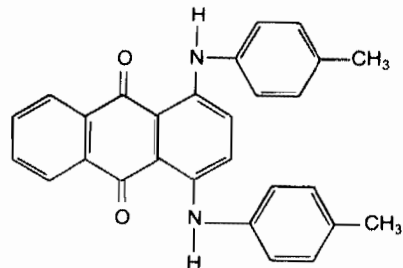
### *Other Names:*

D & C Green #5 K-7015 (*Kohnstamm*)  
K-7015 D & C Green #5 (*Kohnstamm*)

## D & C GREEN NO. 6

*CAS Number:* 128-80-3

*Definition:* D & C Green No. 6 is a color classed chemically as an anthraquinone color. It conforms to the formula:



The name D & C Green No. 6 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Green 3.

*Information Sources:* CI 61565, JC, M3, 21CFR8.501, 21CFR8.4070

### *Other Names:*

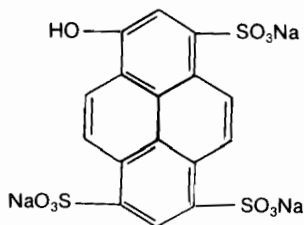
D & C Green #6 K-7016 (*Kohnstamm*)  
K-7016 D & C Green #6 (*Kohnstamm*)

## D & C GREEN NO. 8

*CAS Number:* 6358-69-6

*Definition:* D & C Green No. 8 is a color classed chemically as a pyrene color. It conforms to the formula:

## D & C Green No. 8 (Cont.)



The name D & C Green No. 8 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Green 7.

*Information Sources:* CI 59040, JC, 21CFR8.501, 21CFR9.106

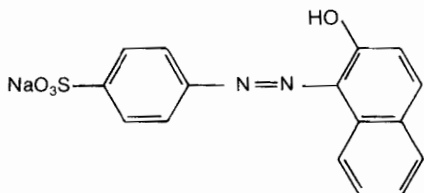
### *Other Names:*

D & C Green #8 K-7157 (*Kohnstamm*)  
K-7157 D & C Green #8 (*Kohnstamm*)

## D & C ORANGE NO. 4

*CAS Number:* 633-96-5

*Definition:* D & C Orange No. 4 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Orange No. 4 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Orange 7.

*Information Sources:* CI 15510, JC, M3, MI, 21CFR8.501, 21CFR8.502, 21CFR8.510, 21CFR9.201

## D & C ORANGE NO. 4 ALUMINUM LAKE

*RD Number:* 977058-91-5

*Definition:* D & C Orange No. 4 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Orange No. 4 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.510

### *Other Names:*

D & C Orange #4 Aluminum Lake K-7074 (*Kohnstamm*)  
K-7074 D & C Orange #4 Aluminum Lake (*Kohnstamm*)

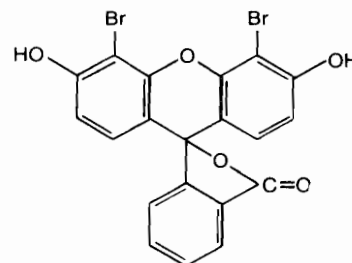
## D & C Orange No. 5 Zirconium Lake

Persian Orange (*Sun*)  
Sunkist Orange 3064 (*Thomasset*)  
3064 Sunkist Orange (*Thomasset*)

## D & C ORANGE NO. 5

*CAS Number:* 596-03-2

*Definition:* D & C Orange No. 5 is a color classed chemically as a fluoran color. It conforms to the formula:



The name D & C Orange No. 5 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 72.

*Information Sources:* CI 45370:1, JC, M3, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.202

### *Other Names:*

C14-033 Dibromo (*Sun*)  
D & C Orange #5 K-7003 (*Kohnstamm*)  
Dibromo C14-033 (*Sun*)  
Hi Tri Di 3655 (*Thomasset*)  
K-7003 D & C Orange #5 (*Kohnstamm*)  
3655 Hi Tri Di (*Thomasset*)

## D & C ORANGE NO. 5 ALUMINUM LAKE

*RD Number:* 977054-31-1

*Definition:* D & C Orange No. 5 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Orange No. 5 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

### *Other Names:*

Manchu Orange (*Sun*)

## D & C ORANGE NO. 5 ZIRCONIUM LAKE

*RD Number:* 977054-31-1

*Definition:* D & C Orange No. 5 Zirconium Lake is an insoluble pigment composed of the zirconium salt of D & C Orange No. 5 extended on an appropriate substrate in compliance with 21CFR9.280.

## D & C Orange No. 5 Zirconium Lake (Cont.)

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

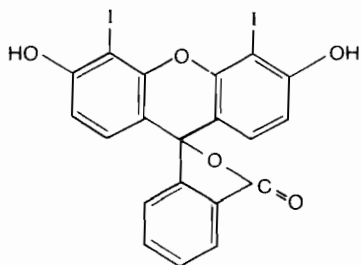
*Other Names:*

Dawn Orange 5205 (*Thomasset*)  
Flame Orange 5305 (*Thomasset*)  
Petite Orange 7236 (*Thomasset*)  
Sunset Orange 3455 (*Thomasset*)  
3455 Sunset Orange (*Thomasset*)  
5205 Dawn Orange (*Thomasset*)  
5305 Flame Orange (*Thomasset*)  
7236 Petite Orange (*Thomasset*)

## D & C ORANGE NO. 10

*CAS Number:* 518-40-1

*Definition:* D & C Orange No. 10 is a color classed chemically as a fluoran color. It conforms to the formula:



This color converted to the sodium salt is D & C Orange No. 11. The name D & C Orange No. 10 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 73.

*Information Sources:* CI 45425:1, JC, 21CFR8.501, 21CFR9.207

*Other Names:*

Diiodo Fluorescein 3110 (*Thomasset*)  
Diiodo Fluorescein 3210 (*Thomasset*)  
3110 Diiodo Fluorescein (*Thomasset*)  
3210 Diiodo Fluorescein (*Thomasset*)

## D & C ORANGE NO. 10 ALUMINUM LAKE

*RD Number:* 977060-62-0

*Definition:* D & C Orange No. 10 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Orange No. 10 extended on an appropriate substrate in compliance with 21CFR9.280.

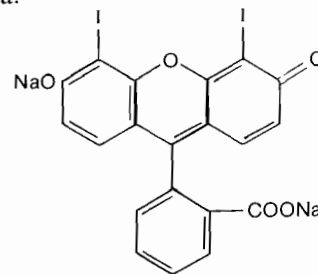
*Information Sources:* 21CFR8.501

## D & C ORANGE NO. 11

*CAS Number:* 6371-82-0

## D & C Orange No. 17 Lake

*Definition:* D & C Orange No. 11 is a color classed chemically as a xanthene color. It conforms to the formula:



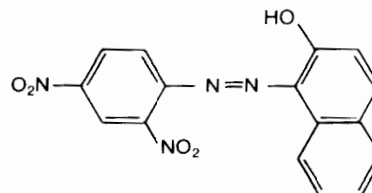
This color is the conversion product of D & C Orange No. 10 to the sodium salt. The name D & C Orange No. 11 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Red 95.

*Information Sources:* CI 45425, JC, 21CFR8.501, 21CFR9.208

## D & C ORANGE NO. 17

*CAS Number:* 3468-63-1

*Definition:* D & C Orange No. 17 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Orange No. 17 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Orange 5.

*Information Sources:* CI 12075, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.214

## D & C ORANGE NO. 17 LAKE

*RD Number:* 977054-32-2

*Definition:* D & C Orange No. 17 Lake is an insoluble pigment composed of D & C Orange No. 17 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

*Other Names:*

C76-001 Permanent Orange (*Sun*)  
D & C Orange #17 Lake K-7081 (*Kohnstamm*)  
K-7081 D & C Orange #17 Lake (*Kohnstamm*)  
Permanent Orange C76-001 (*Sun*)  
Tangiers Orange (*Sun*)

## D & C Red No. 3 Aluminum Lake

## D & C Red No. 7

### D & C RED NO. 3 ALUMINUM LAKE

RD Number: 977054-34-4

**Definition:** D & C Red No. 3 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Red No. 3 extended on an appropriate substrate in compliance with 21CFR9.280. Acid Red 51, the uncertified counterpart of FD & C Red No. 3, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Red No. 3 Aluminum Lake to apply.

**Information Sources:** 21CFR8.501

**Other Names:**

D & C Red #3 Aluminum Lake K-7002  
(Kohnstamm)  
D & C Red #3 Aluminum Lake K-7966  
(Kohnstamm)  
K-7002 D & C Red #3 Aluminum Lake  
(Kohnstamm)  
K-7966 D & C Red #3 Aluminum Lake  
(Kohnstamm)  
Regal Red 3003 (Thomasset)  
3003 Regal Red (Thomasset)

### D & C RED NO. 4 ALUMINUM LAKE

RD Number: 977059-24-7

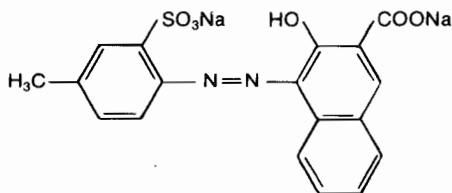
**Definition:** D & C Red No. 4 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Red No. 4 extended on an appropriate substrate in compliance with 21CFR9.280. Food Red 1, the uncertified counterpart of FD & C Red No. 4, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Red No. 4 Aluminum Lake to apply.

**Information Sources:** 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR8.510

### D & C RED NO. 6

CAS Number: 5858-81-1

**Definition:** D & C Red No. 6 is a color classed chemically as a monoazo color. It conforms to the formula:



The calcium salt of this color is D & C Red No. 7. The name D & C Red No. 6 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 57.

**Information Sources:** CI 15850, EEC E180, JC, 21CFR8.501, 21CFR9.151

**Other Names:**

D & C Red #6 K-7034 (Kohnstamm)  
K-7034 D & C Red #6 (Kohnstamm)

### D & C RED NO. 6 ALUMINUM LAKE

RD Number: 977058-86-8

**Definition:** D & C Red No. 6 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Red No. 6 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

### D & C RED NO. 6 BARIUM LAKE

RD Number: 977058-86-8

**Definition:** D & C Red No. 6 Barium Lake is an insoluble pigment composed of the barium salt of D & C Red No. 6 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

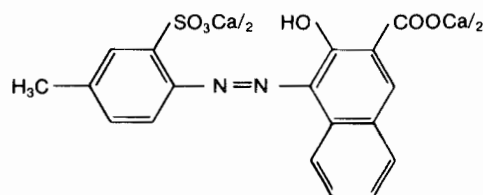
**Other Names:**

D & C Red #6 Barium Lake K-7096 (Kohnstamm)  
K-7096 D & C Red #6 Barium Lake (Kohnstamm)  
Light Rubine Lake (Sun)  
Rubine Lake 3106 (Thomasset)  
Vanguard Red 3006 (Thomasset)  
3006 Vanguard Red (Thomasset)  
3106 Rubine Lake (Thomasset)

### D & C RED NO. 7

CAS Number: 5281-04-9

**Definition:** D & C Red No. 7 is a color classed chemically as a monoazo color. It conforms to the formula:



This color is the calcium salt of D & C Red No. 6. The name D & C Red No. 7 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 57:1.

**Information Sources:** CI 15850:1, EEC E180, 21CFR8.501, 21CFR9.152

## D & C Red No. 7 Calcium Lake

### D & C RED NO. 7 CALCIUM LAKE

RD Number: 977054-36-6

**Definition:** D & C Red No. 7 Calcium Lake is an insoluble pigment composed of D & C Red No. 7 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

**Other Names:**

C19-003 Rubine Lake (Sun)  
C19-011 Rubine Lake (Sun)  
C19-021 Rubine Lake (Sun)  
D & C Red #7 Calcium Lake K-7044 (Kohnstamm)  
D & C Red #7 Calcium Lake K-7121 (Kohnstamm)  
D & C Red #7 Calcium Lake K-7183 (Kohnstamm)  
K-7044 D & C Red #7 Calcium Lake (Kohnstamm)  
K-7121 D & C Red #7 Calcium Lake (Kohnstamm)  
K-7183 D & C Red #7 Calcium Lake (Kohnstamm)  
Mini Red 3607 (Thomasset)  
Rubine Lake C19-003 (Sun)  
Rubine Lake C19-011 (Sun)  
Rubine Lake C19-021 (Sun)  
Rubinola Red 3007 (Thomasset)  
Vintage Red 3107 (Thomasset)  
3007 Rubinola Red (Thomasset)  
3107 Vintage Red (Thomasset)  
3607 Mini Red (Thomasset)

### D & C RED NO. 7 ZIRCONIUM LAKE

RD Number: 977054-36-6

**Definition:** D & C Red No. 7 Zirconium Lake is an insoluble pigment composed of the zirconium salt of D & C Red No. 7 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

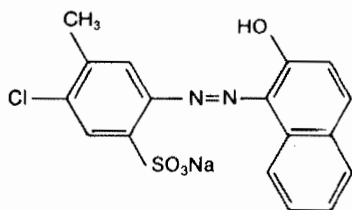
**Other Names:**

Nail Pink 3407 (Thomasset)  
3407 Nail Pink (Thomasset)

### D & C RED NO. 8

CAS Number: 2092-56-0

**Definition:** D & C Red No. 8 is a color classed chemically as a monoazo color. It conforms to the formula:



The barium salt of this color is D & C Red No. 9. The name D & C Red No. 8 can be used only when

## D & C Red No. 9 Barium Lake

applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 53.

**Information Sources:** CI 15585, JC, M3, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.153

**Other Names:**

D & C Red #8 K-7043 (Kohnstamm)  
K-7043 D & C Red #8 (Kohnstamm)

### D & C RED NO. 8 SODIUM LAKE

RD Number: 977054-38-8

**Definition:** D & C Red No. 8 Sodium Lake is an insoluble pigment composed of D & C Red No. 8 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501, 21CFR8.502, 21CFR8.503

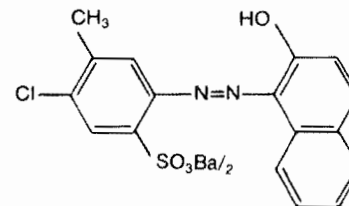
**Other Names:**

Toning Orange (Sun)

### D & C RED NO. 9

CAS Number: 5160-02-1

**Definition:** D & C Red No. 9 is a color classed chemically as a monoazo color. It conforms to the formula:



This color is the barium salt of D & C Red No. 8. The name D & C Red No. 9 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 53:1.

**Information Sources:** CI 15585:1, JC, M3,

### D & C RED NO. 9 BARIUM LAKE

RD Number: 977054-35-5

**Definition:** D & C Red No. 9 Barium Lake is an insoluble pigment composed of D & C Red No. 9 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501, 21CFR8.502, 21CFR8.503

**Other Names:**

Brilliant Red (Sun)  
Brilliant Scarlet (Sun)



## D & C Red No. 9 Barium Lake (Cont.)

D & C Red #9 Barium Lake K-7006 (*Kohnstamm*)  
Desert Red (*Sun*)  
K-7006 D & C Red #9 Barium Lake (*Kohnstamm*)

## D & C RED NO. 9 BARIUM/ STRONTIUM LAKE

RD Number: 977054-35-5

*Definition:* D & C Red No. 9 Barium/Strontium Lake is an insoluble pigment composed of a mixed barium/strontium salt of D & C Red No. 9 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

*Other Names:*

Astro Orange 3109 (*Thomasset*)  
Atomic Red 3009 (*Thomasset*)  
Lo Micron Scarlet 1112 (*Thomasset*)  
1112 Lo Micron Scarlet (*Thomasset*)  
3009 Atomic Red (*Thomasset*)  
3109 Astro Orange (*Thomasset*)

## D & C RED NO. 9 ZIRCONIUM LAKE

RD Number: 977054-35-5

*Definition:* D & C Red No. 9 Zirconium Lake is an insoluble pigment prepared by extending the zirconium salt of D & C Red No. 9 on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

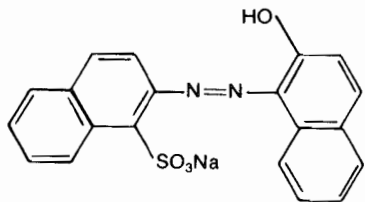
*Other Names:*

Carnation Red 2523 (*Thomasset*)  
2523 Carnation Red (*Thomasset*)

## D & C RED NO. 10

CAS Number: 1248-18-6

*Definition:* D & C Red No. 10 is a color classed chemically as a monoazo color. It conforms to the formula:



This color converted to the calcium, barium or strontium salt is D & C Red No. 11, 12 or 13, respectively. The name D & C Red No. 10 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 49.

## D & C Red No. 11 Calcium Lake

*Information Sources:* CI 15630, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.155

## D & C RED NO. 10 ALUMINUM LAKE

RD Number: 977058-80-2

*Definition:* D & C Red No. 10 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Red No. 10 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

## D & C RED NO. 10 SODIUM LAKE

RD Number: 977058-80-2

*Definition:* D & C Red No. 10 Sodium Lake is an insoluble pigment composed of D & C Red No. 10 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

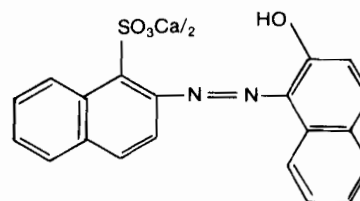
*Other Names:*

D & C Red #10 Sodium Lake K-7090 (*Kohnstamm*)  
K-7090 D & C Red #10 Sodium Lake (*Kohnstamm*)  
Sunburst Red (*Sun*)

## D & C RED NO. 11

CAS Number: 1103-39-5

*Definition:* D & C Red No. 11 is a color classed chemically as a monoazo color. It conforms to the formula:



This color is the calcium salt of D & C Red No. 10. The name D & C Red No. 11 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 49:2.

*Information Sources:* CI 15630:2 (*Ca Salt*)  
JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.156

## D & C RED NO. 11 CALCIUM LAKE

RD Number: 977058-87-9

*Definition:* D & C Red No. 11 Calcium Lake is an insoluble pigment composed of D & C Red No. 11 extended on an appropriate substrate in compliance with 21CFR9.280.

## D & C Red No. 11 Calcium Lake (Cont.)

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

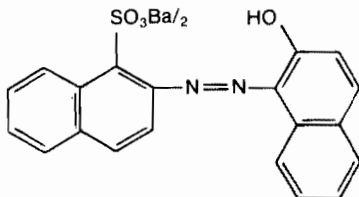
*Other Names:*

C10-007 Toning Red D (Sun)  
D & C Red #11 Calcium Lake K-7066 (Kohnstamm)  
D & C Red #11 Calcium Lake K-7082 (Kohnstamm)  
K-7066 D & C Red #11 Calcium Lake (Kohnstamm)  
K-7082 D & C Red #11 Calcium Lake (Kohnstamm)  
Toning Red D C10-007 (Sun)

## D & C RED NO. 12

*CAS Number:* 1103-38-4

*Definition:* D & C Red No. 12 is a color classed chemically as a monoazo color. It conforms to the formula:



This color is the barium salt of D & C Red No. 10. The name D & C Red No. 12 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 49:1.

*Information Sources:* CI 15630:2, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.157

*Other Names:*

D & C Red #12 K-7136 (Kohnstamm)  
K-7136 D & C Red #12 (Kohnstamm)

## D & C RED NO. 12 BARIUM LAKE

*RD Number:* 977058-81-3

*Definition:* D & C Red No. 12 Barium Lake is an insoluble pigment composed of D & C Red No. 12 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

*Other Names:*

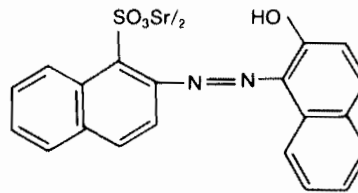
Bali Red 3012 (Thomasset)  
Toning Lithol (Sun)  
3012 Bali Red (Thomasset)

## D & C RED NO. 13

*CAS Number:* 6371-67-1

*Definition:* D & C Red No. 13 is a color classed chemically as a monoazo color. It conforms to the formula:

## D & C Red No. 19



This color is the strontium salt of D & C Red No. 10. The name D & C Red No. 13 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 49:3.

*Information Sources:* CI 15630:3, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.158

## D & C RED NO. 13 STRONTIUM LAKE

*RD Number:* 977058-82-4

*Definition:* D & C Red No. 13 Strontium Lake is an insoluble pigment composed of D & C Red No. 13 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

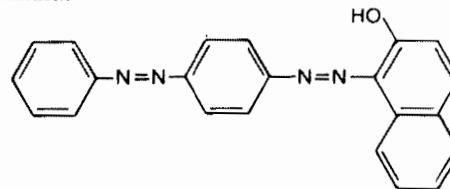
*Other Names:*

Brilliant Red 3013 (Thomasset)  
Gypsy Red (Sun)  
3013 Brilliant Red (Thomasset)

## D & C RED NO. 17

*CAS Number:* 85-86-9

*Definition:* D & C Red No. 17 is a color classed chemically as a disazo color. It conforms to the formula:



The name D & C Red No. 17 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 23.

*Information Sources:* CI 26100, JC, 21CFR8.501, 21CFR8.510, 21CFR9.162

*Other Names:*

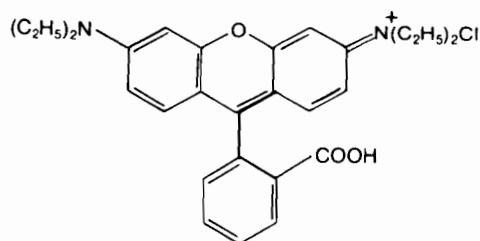
D & C Red #17 K-7007 (Kohnstamm)  
K-7007 D & C Red #17 (Kohnstamm)

## D & C RED NO. 19

*CAS Number:* 81-88-9

*Definition:* D & C Red No. 19 is a color classed chemically as a xanthene color. It conforms to the formula:

## D & C Red No. 19 (Cont.)



The stearate of this color is D & C Red No. 37. The name D & C Red No. 19 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Basic Violet 10.

*Information Sources:* CI45170, JC, M3, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.164

### *Other Names:*

C21-002 Rhodamine (*Sun*)  
D & C Red #19 K-7029 (*Kohnstamm*)  
K-7029 D & C Red #19 (*Kohnstamm*)  
Rhodamine C21-002 (*Sun*)

## D & C RED NO. 19 ALUMINUM LAKE

*RD Number:* 977054-33-3

*Definition:* D & C Red No. 19 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Red No. 19 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

### *Other Names:*

Aquapelant Lake (*Sun*)  
D & C Red #19 Aluminum Lake K-7040 (*Kohnstamm*)  
Geranium Lake (*Sun*)  
K-7040 D & C Red #19 Aluminum Lake (*Kohnstamm*)  
Shanghai Red 3019 (*Thomasset*)  
3019 Shanghai Red (*Thomasset*)

## D & C RED NO. 19 BARIUM LAKE

*RD Number:* 977054-33-3

*Definition:* D & C Red No. 19 Barium Lake is an insoluble pigment composed of the barium salt of D & C Red No. 19 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

## D & C RED NO. 19 ZIRCONIUM LAKE

*RD Number:* 977054-33-3

*Definition:* D & C Red No. 19 Zirconium Lake is an insoluble pigment composed of the zirconium salt of D & C Red No. 19 extended on an appropriate substrate in compliance with 21CFR9.280.

## D & C Red No. 21 Zirconium Lake

*Information Sources:* 21CFR8.501, 21CFR8.502, 21CFR8.503

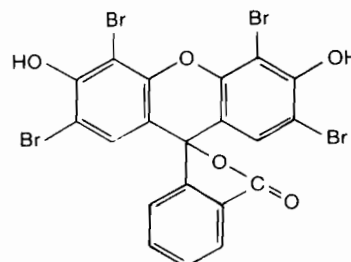
### *Other Names:*

Orchid Pink 7289 (*Thomasset*)  
7289 Orchid Pink (*Thomasset*)

## D & C RED NO. 21

*CAS Number:* 15086-94-9

*Definition:* D & C Red No. 21 is color classed chemically as a fluoran color. It conforms to the formula:



This color converted to the sodium salt is D & C Red No. 22. The name D & C Red No. 21 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 43.

*Information Sources:* CI 45380:2, JC, 21CFR8.501, 21CFR9.166

### *Other Names:*

Bromo C14-032 (*Sun*)  
C14-032 Bromo (*Sun*)  
D & C Red #21 K-7061 (*Kohnstamm*)  
K-7061 D & C Red #21 (*Kohnstamm*)  
Pale Bromo 3621 (*Thomasset*)  
3621 Pale Bromo (*Thomasset*)

## D & C RED NO. 21 ALUMINUM LAKE

*RD Number:* 977054-39-9

*Definition:* D & C Red No. 21 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Red No. 21 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501

### *Other Names:*

D & C Red #21 Aluminum Lake K-7126 (*Kohnstamm*)  
Dell Red (*Sun*)  
K-7126 D & C Red #21 Aluminum Lake (*Kohnstamm*)  
Pagoda Red 3121 (*Thomasset*)  
3121 Pagoda Red (*Thomasset*)

## D & C RED NO. 21 ZIRCONIUM LAKE

*RD Number:* 977054-39-9

**Definition:** D & C Red No. 21 Zirconium Lake is an insoluble pigment composed of the zirconium salt of D & C Red No. 21 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

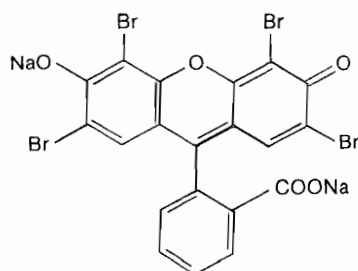
**Other Names:**

Merrie Pink 7252 (*Thomasset*)  
 Rose Pink 5521 (*Thomasset*)  
 Veri Merrie Pink 3421 (*Thomasset*)  
 3421 Veri Merrie Pink (*Thomasset*)  
 5521 Rose Pink (*Thomasset*)  
 7252 Merrie Pink (*Thomasset*)

## D & C RED NO. 22

**CAS Number:** 548-26-5

**Definition:** D & C Red No. 22 is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the conversion product of D & C Red No. 21 to the sodium salt. The name D & C Red No. 22 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Red 87.

**Information Sources:** CI 45380, JC, MAR, 21CFR8.501, 21CFR9.167

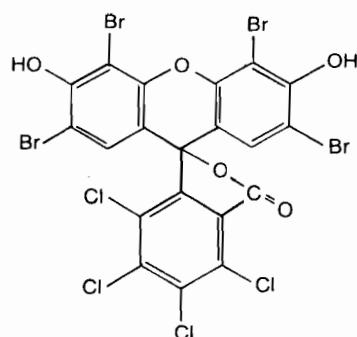
**Other Names:**

D & C Red #22 K-7008 (*Kohnstamm*)  
 K-7008 D & C Red #22 (*Kohnstamm*)

## D & C RED NO. 27

**CAS Number:** 2134-15-8

**Definition:** D & C Red No. 27 is a color classed chemically as a fluoran color. It conforms to the formula:



This color converted to the sodium salt is D & C Red No. 28. The name D & C Red No. 27 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 48.

**Information Sources:** CI 45410:1, 21CFR8.501, 21CFR9.172

**Other Names:**

D & C Red #27 K-7053 (*Kohnstamm*)  
 K-7053 D & C Red #27 (*Kohnstamm*)  
 Veri Pur Pink 3427 (*Thomasset*)  
 3427 Veri Pur Pink (*Thomasset*)

## D & C RED NO. 27 ALUMINUM LAKE

**RD Number:** 977054-37-7

**Definition:** D & C Red No. 27 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Red No. 27 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

**Other Names:**

D & C Red #27 Aluminum Lake K-7177 (*Kohnstamm*)  
 K-7177 D & C Red #27 Aluminum Lake (*Kohnstamm*)  
 Rocket Red 3127 (*Thomasset*)  
 3127 Rocket Red (*Thomasset*)

## D & C RED NO. 27 BARIUM LAKE

**RD Number:** 977054-37-7

**Definition:** D & C Red No. 27 Barium Lake is an insoluble pigment composed of the barium salt of D & C Red No. 27 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

## D & C RED NO. 27 ZIRCONIUM LAKE

**RD Number:** 977054-37-7

**Definition:** D & C Red No. 27 Zirconium Lake is an insoluble pigment composed of the zirconium salt of D & C Red No. 27 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

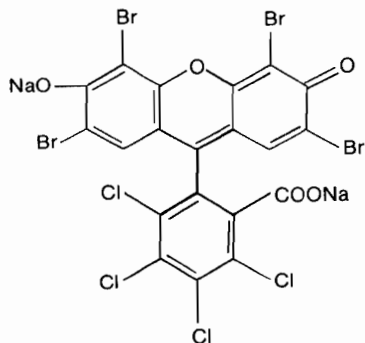
**Other Names:**

Petite Pink 7047 (*Thomasset*)  
 7047 Petite Pink (*Thomasset*)

## D & C RED NO. 28

**CAS Number:** 4618-23-9

**Definition:** D & C Red No. 28 is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the conversion product of D & C Red No. 27 to the sodium salt. The name D & C Red No. 28 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Red 92.

*Information Sources:* CI 45410, 21CFR8.501, 21CFR9.173

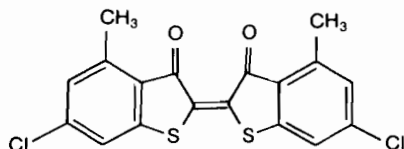
*Other Names:*

D & C Red #28 K-7054 (*Kohnstamm*)  
K-7054 D & C Red #28 (*Kohnstamm*)

### D & C RED NO. 30

*CAS Number:* 2379-74-0

*Definition:* D & C Red No. 30 is a color classed chemically as an indigoid color. It conforms to the formula:



The name D & C Red No. 30 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Vat Red 1.

*Information Sources:* CI 73360, JC, M3, 21CFR8.501, 21CFR9.175

### D & C RED NO. 30 LAKE

*RD Number:* 977058-83-5

*Definition:* D & C Red No. 30 Lake is an insoluble pigment composed of D & C Red No. 30 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501

*Other Names:*

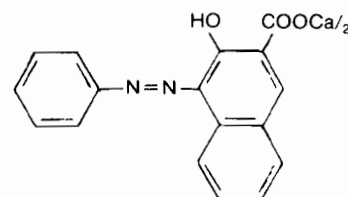
C37-038 Permanent Pink (*Sun*)  
D & C Red #30 Lake K-7094 (*Kohnstamm*)  
D & C Red #30 Lake K-7156 (*Kohnstamm*)

Heidi Rose 3030 (*Thomasset*)  
K-7094 D & C Red #30 Lake (*Kohnstamm*)  
K-7156 D & C Red #30 Lake (*Kohnstamm*)  
Permanent Pink C37-038 (*Sun*)  
3030 Heidi Rose (*Thomasset*)

### D & C RED NO. 31

*CAS Number:* 6371-76-2

*Definition:* D & C Red No. 31 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Red No. 31 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 64:1.

*Information Sources:* CI 158000, JC, 21CFR8.501, 21CFR8.510, 21CFR9.176

*Other Names:*

D & C Red #31 K-7062 (*Kohnstamm*)  
K-7062 D & C Red #31 (*Kohnstamm*)

### D & C RED NO. 31 CALCIUM LAKE

*RD Number:* 977059-26-9

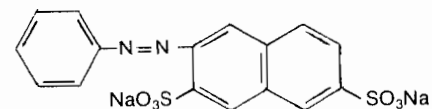
*Definition:* D & C Red No. 31 Calcium Lake is an insoluble pigment composed of D & C Red No. 31 extended on an appropriate substrate in compliance with 21CFR9.280.

*Information Sources:* 21CFR8.501, 21CFR8.510

### D & C RED NO. 33

*CAS Number:* 3567-66-6

*Definition:* D & C Red No. 33 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Red No. 33 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Red 33.

*Information Sources:* CI 17200, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.178

## D & C Red No. 33 (Cont.)

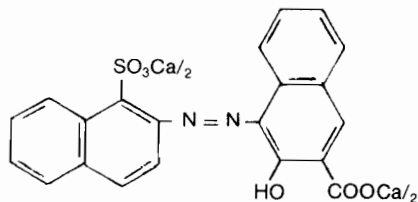
### Other Names:

D & C Red #33 K-7057 (Kohnstamm)  
K-7057 D & C Red #33 (Kohnstamm)

## D & C RED NO. 34

CAS Number: 6417-83-0

**Definition:** D & C Red No. 34 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Red No. 34 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 63:1.

**Information Sources:** CI 15880, JC, M3, 21CFR8.501, 21CFR8.510, 21CFR9.179

## D & C RED NO. 34 CALCIUM LAKE

RD Number: 977058-85-7

**Definition:** D & C Red No. 34 Calcium Lake is an insoluble pigment composed of D & C Red No. 34 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

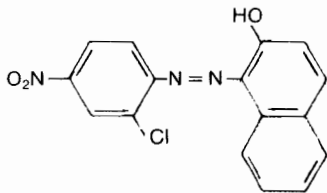
### Other Names:

C24-012 Rangoon Maroon (Sun)  
D & C Red #34 Lake K-7122 (Kohnstamm)  
K-7122 D & C Red #34 Lake (Kohnstamm)  
Rangoon Maroon C24-012 (Sun)

## D & C RED NO. 36

CAS Number: 2814-77-9

**Definition:** D & C Red No. 36 is a color classed chemically as a monoazo color. It conforms to the formula:



The name D & C Red No. 36 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Pigment Red 4.

## D & C Violet No. 2

**Information Sources:** CI 12085, JC, M3, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR8.515, 21CFR9.181

### Other Names:

D & C Red #36 K-7060 (Kohnstamm)  
K-7060 D & C Red #36 (Kohnstamm)  
Tiger Orange 3236 (Thomasset)  
3236 Tiger Orange (Thomasset)

## D & C RED NO. 36 LAKE

RD Number: 977058-84-6

**Definition:** D & C Red No. 36 Lake is an insoluble pigment composed of D & C Red No. 36 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR8.515

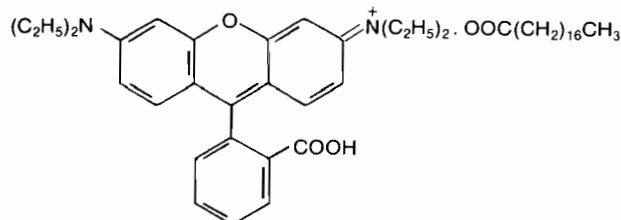
### Other Names:

D & C Red #36 Lake K-7170 (Kohnstamm)  
Flaming Red (Sun)  
Hue Orange 3336 (Thomasset)  
K-7170 D & C Red #36 Lake (Kohnstamm)  
Orange 3136 (Thomasset)  
Pico Orange (Thomasset)  
3336 Hue Orange (Thomasset)

## D & C RED NO. 37

CAS Number: 6373-07-5

**Definition:** D & C Red No. 37 is a color classed chemically as a xanthene color. It conforms to the formula:



This color is the stearate of D & C Red No. 19. The name D & C Red No. 37 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Red 49:1.

**Information Sources:** CI 45170:1, JC, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.182

### Other Names:

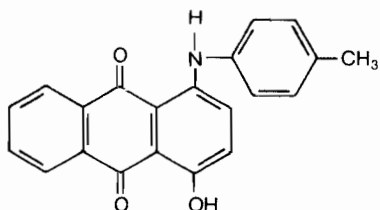
D & C Red #37 K-7028 (Kohnstamm)  
K-7028 D & C Red #37 (Kohnstamm)

## D & C VIOLET NO. 2

CAS Number: 81-48-1

**Definition:** D & C Violet No. 2 is a color classed chemically as an anthraquinone color. It conforms to the formula:

## D & C Violet No. 2 (Cont.)



The name D & C Violet No. 2 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Violet 13.

**Information Sources:** CI 60725, JC, M3, 21CFR8.501, 21CFR8.510, 21CFR8.4152, 21CFR9.270

**Other Names:**

D & C Violet #2 K-7014 (*Kohnstamm*)  
K-7014 D & C Violet #2 (*Kohnstamm*)

## D & C YELLOW NO. 5 ALUMINUM LAKE

**RD Number:** 977058-75-5

**Definition:** D & C Yellow No. 5 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Yellow No. 5 extended on an appropriate substrate in compliance with 21CFR9.280. Acid Yellow 23, the uncertified counterpart of FD & C Yellow No. 5, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Yellow No. 5 Aluminum Lake to apply.

**Information Sources:** 21CFR8.501

**Other Names:**

Lo Micron Yellow Lake 5217 (*Thomasset*)  
Yellow Lake (*Sun*)  
Yellow Lake 3105 (*Thomasset*)  
3105 Yellow Lake (*Thomasset*)  
5217 Lo Micron Yellow Lake (*Thomasset*)

## D & C YELLOW NO. 5 ZIRCONIUM LAKE

**RD Number:** 977058-75-5

**Definition:** D & C Yellow No. 5 Zirconium Lake is an insoluble pigment composed of the zirconium salt of FD & C Yellow No. 5 extended on an appropriate substrate in compliance with 21CFR9.280. Acid Yellow 23, the uncertified counterpart of FD & C Yellow No. 5, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Yellow No. 5 Zirconium Lake to apply.

**Information Sources:** 21CFR8.501

**Other Names:**

D & C Yellow #5 Zirconium Lake K-7089 (*Kohnstamm*)  
K-7089 D & C Yellow #5 Zirconium Lake (*Kohnstamm*)

## D & C Yellow No. 8

### D & C YELLOW NO. 6 ALUMINUM LAKE

**RD Number:** 977059-21-4

**Definition:** D & C Yellow No. 6 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Yellow No. 6 extended on an appropriate substrate in compliance with 21CFR9.280. Food Yellow 3, the uncertified counterpart of FD & C Yellow No. 6, may also be used to prepare this lake. However, the finished lake must be certified for the name D & C Yellow No. 6 Aluminum Lake to apply.

**Information Sources:** 21CFR8.501

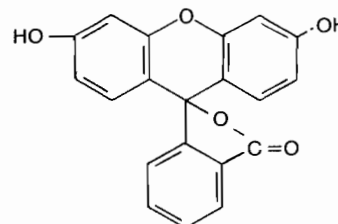
**Other Names:**

D & C Yellow #6 Aluminum Lake K-7009 (*Kohnstamm*)  
K-7009 D & C Yellow #6 Aluminum Lake (*Kohnstamm*)

### D & C YELLOW NO. 7

**CAS Number:** 518-45-6

**Definition:** D & C Yellow No. 7 is a color classed chemically as a fluoran color. It conforms to the formula:



This color converted to the sodium salt is D & C Yellow No. 8. The name D & C Yellow No. 7 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 73.

**Information Sources:** BPC, CI 45350:1, JC, M3, MI, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.130

**Other Names:**

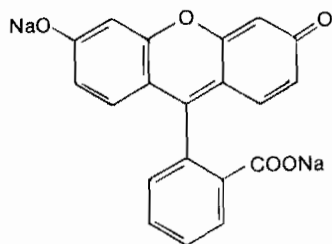
D & C Yellow #7 K-7133 (*Kohnstamm*)  
K-7133 D & C Yellow #7 (*Kohnstamm*)

### D & C YELLOW NO. 8

**CAS Number:** 518-47-8

**Definition:** D & C Yellow No. 8 is a color classed chemically as a xanthene color. It conforms to the formula:

## D & C Yellow No. 8 (Cont.)



This color is the conversion product of D & C Yellow No. 7 to the sodium salt. The name D & C Yellow No. 8 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 73 (*Sodium Salt*).

**Information Sources:** AUS, CI 45350, DDR, EGY, IND, JC, MAR, PJ, PN, USD, USP, YUG, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR9.131

### Other Names:

D & C Yellow #8 K-7005 (*Kohnstamm*)  
K-7005 D & C Yellow #8 (*Kohnstamm*)  
Uranine 3058 (*Thomasset*)  
3058 Uranine (*Thomasset*)

## D & C YELLOW NO. 10

CAS Number: MX8004-92-0

**Definition:** D & C Yellow No. 10 is a mixture of the disodium salt of the mono- and disulfonic acids of 2-(2-quinolyl)-1,3-indandione. The name D & C Yellow No. 10 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 3.

**Information Sources:** CI 47005, JC, M3, SWE, 21CFR8.501, 21CFR9.133

### Other Names:

D & C Yellow #10 K-7059 (*Kohnstamm*)  
K-7059 D & C Yellow #10 (*Kohnstamm*)

## D & C YELLOW NO. 10 ALUMINUM LAKE

RD Number: 977058-77-7

**Definition:** D & C Yellow No. 10 Aluminum Lake is an insoluble pigment composed of the aluminum salt of D & C Yellow No. 10 extended on an appropriate substrate in compliance with 21CFR9.280.

**Information Sources:** 21CFR8.501

### Other Names:

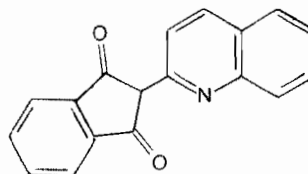
D & C Yellow #10 Aluminum Lake K-7181 (*Kohnstamm*)  
K-7181 D & C Yellow #10 Aluminum Lake (*Kohnstamm*)

## DEA-Lauryl Sulfate

## D & C YELLOW NO. 11

CAS Number: MX8003-22-3

**Definition:** D & C Yellow No. 11 is a color classed chemically as a quinoline color. It conforms to the formula:



The name D & C Yellow No. 11 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Solvent Yellow 33.

**Information Sources:** CI 47000, EEC E104, JC, M3, 21CFR8.501, 21CFR8.510, 21CFR9.134

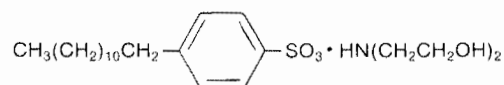
### Other Names:

D & C Yellow #11 K-7064 (*Kohnstamm*)  
K-7064 D & C Yellow #11 (*Kohnstamm*)

## DEA-DODECYLBENZENESULFONATE

CAS Number: 26545-53-9

**Definition:** DEA-Dodecylbenzenesulfonate is the diethanolamine salt of Dodecylbenzene Sulfuric Acid (q.v.). It conforms to the formula:



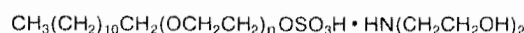
### Other Names:

Diethanolamine Dodecylbenzene Sulfonate

## DEA-LAURETH SULFATE

RD Number: 977061-59-8

**Definition:** DEA-Laureth Sulfate is the diethanolamine salt of an ethoxylated alcohol sulfate that conforms generally to the formula:



where n has an average value of 1 to 4.

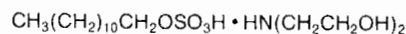
### Other Names:

Diethanolamine Lauryl Ether Sulfate

## DEA-LAURYL SULFATE

RD Number: 977053-36-3

**Definition:** DEA-Lauryl Sulfate is the diethanolamine salt of lauryl sulfate that conforms to the formula:





Information Sources: CTFA, SNPF

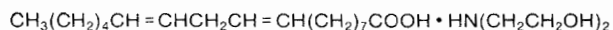
Other Names:

Carsonol DLS (Carson)  
 Conco Sulfate EP (Continental Chemical)  
 Diethanolamine Lauryl Sulfate  
 Duponol EP (DuPont)  
 Maprofix DLS-35 (Onyx)  
 Richonol DLS (Richardson)  
 Standapol DEA (Henkel)  
 Stepanol DEA (Stepan)  
 Sterling WADE (Canada Packers)

### DEA-LINOLEATE

RD Number: 977056-42-0

Definition: DEA-Linoleate is the diethanolamine salt of linoleic acid that conforms generally to the formula:



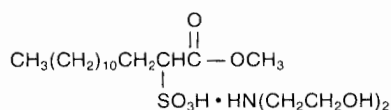
Other Names:

Diethanolamine Linoleate  
 Diethanolammonium Linoleate  
 Linamine HC-2 (Knapp)

### DEA-METHYL MYRISTATE SULFONATE

RD Number: 977064-57-5

Definition: DEA-Methyl Myristate Sulfonate is an alpha sulfonated fatty acid ester neutralized with diethanolamine. It conforms generally to the formula:



Other Names:

Bio Terge MMD (Stepan)  
 Diethanolamine Methyl Myristate Sulfonate

### DEA-OLETH-3 PHOSPHATE

RD Number: 977060-94-8

Definition: DEA-Oleth-3 Phosphate is the diethanolamine salt of a complex mixture of esters of phosphoric acid and Oleth-3 (q.v.).

Information Sources: CTFA

Other Names:

Crodafos N.3 Neutral (Croda)  
 Diethanolamine Oleth-3 Phosphate  
 Diethanolammonium Polyoxyethylene (3) Oleyl Ether Phosphate

### DEA-OLETH-10 PHOSPHATE

RD Number: 977060-97-1

Definition: DEA-Oleth-10 Phosphate is the diethanolamine salt of a complex mixture of esters of phosphoric acid and Oleth-10 (q.v.).

Information Sources: CTFA

Other Names:

Crodafos N.10 Neutral (Croda)  
 Diethanolamine Oleth-10 Phosphate  
 Diethanolammonium Polyoxyethylene (10) Oleyl Ether Phosphate

### DEA-STYRENE/ACRYLATES/DIVINYLBENZENE COPOLYMER

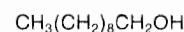
RD Number: 977069-16-1

Definition: DEA-Styrene/Acrylates/Divinylbenzene Copolymer is the diethanolamine salt of a polymer of styrene, divinylbenzene and two or more monomers consisting of acrylic acid, methacrylic acid or their simple esters.

### DECYL ALCOHOL

CAS Number: 112-30-1

Definition: Decyl Alcohol is the aliphatic alcohol that conforms to the formula:



Information Sources: FCC, MI, 21CFR121.1238, 21CFR121.2514

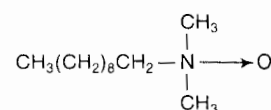
Other Names:

Alfol 10 (Conoco)  
 Cachalot D-5 (Michel)  
 n-Decanol

### DECYLAMINE OXIDE

RD Number: 977064-19-9

Definition: Decylamine Oxide is the aliphatic amine oxide that conforms to the formula:



Other Names:

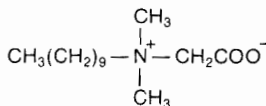
Barlox 10S (Lonza)  
 Capric Amine Oxide  
 Capric Dimethyl Amine Oxide  
 Decyl Dimethyl Amine Oxide

## Decyl Betaine

### DECYL BETAINE

RD Number: 977063-86-7

**Definition:** Decyl Betaine is the zwitterion (inner salt) that conforms generally to the formula:



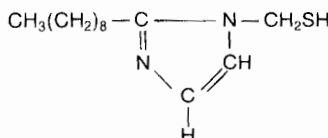
**Other Names:**

Decyl Dimethyl Glycine  
Lonzaine 10S (Lonza)

### DECYL MERCAPTOMETHYLIMIDAZOLE

RD Number: 977064-18-8

**Definition:** Decyl Mercaptomethylimidazole is the heterocyclic organic compound that conforms generally to the formula:



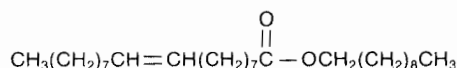
**Other Names:**

2-n-Decylmercapto-1-Methyl Imidazole

### DECYL OLEATE

RD Number: 977052-97-3

**Definition:** Decyl Oleate is the ester of decyl alcohol and oleic acid. It conforms generally to the formula:



**Information Sources:** CTFA

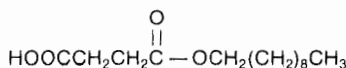
**Other Names:**

Beta DO (Beta)  
Ceraphyl 140 (Van Dyk)  
Ceraphyl 140-T (Van Dyk)  
Cetiol V (Henkel)  
Standamul CTV (Henkel)

### DECYL SUCCINATE

RD Number: 977056-43-1

**Definition:** Decyl Succinate is the monoester of decyl alcohol and succinic acid. It conforms generally to the formula:

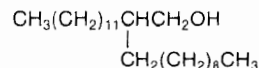


## Dextran

### DECYL TETRADECANOL

RD Number: 977063-87-8

**Definition:** Decyl Tetradecanol is the aliphatic alcohol that conforms to the formula:



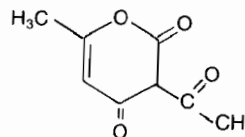
**Other Names:**

Michel XO-147 (Michel)  
N-J-COL 240A (New Japan Chemical)

### DEHYDROACETIC ACID

CAS Number: 520-45-6

**Definition:** Dehydroacetic Acid is the cyclic ketone that conforms to the formula:



**Information Sources:** CTFA, FCC, MI, SNPF, 21CFR121.1089, 21CFR121.2520

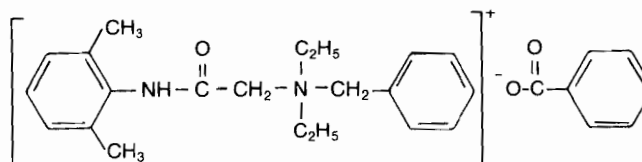
**Other Names:**

3-Acetyl-6-Methyl-2H-Pyran-2,4(3H)-Dione

### DENATONIUM BENZOATE

CAS Number: 3734-33-6

**Definition:** Denatonium Benzoate is the organic compound that conforms to the formula:



**Information Sources:** MAR, MI, NF, USAN

**Other Names:**

Bitrex (MacFarlan Smith)

### DEODORIZED KEROSENE

CAS Number: MX8008-20-6

**Definition:** Deodorized Kerosene is a mixture of petroleum derived hydrocarbons containing 10 to 16 carbon atoms.

**Information Sources:** CTFA, 27CFR212.81a

### DEXTRAN

CAS Number: PM9004-54-0

**Definition:** Dextran is a high molecular weight glucose polymer produced by the action of the bacte-

## Dextran (Cont.)

ria, *Leuconostoc mesenteroides*, on a sucrose substrate.

**Information Sources:** MAR, MI, PJ, USD, 21CFR121.101

**Other Names:**  
Sephadex G-25 (*Pharmacia Fine Chemicals*)

## DEXTRIN

**CAS Number:** PM9004-53-9

**Definition:** Dextrin is a gum produced by the incomplete hydrolysis of starch.

**Information Sources:** CTFA, AUS, CZE, DA, FIN, MAR, MI, NED, PJ, POR, YUG, 21CFR121.101

**Other Names:**  
Dextrine  
N-480 (*Fuller*)

## DIACETIN

**RD Number:** 977064-20-2

**Definition:** Diacetin is a mixture of the diesters of glycerin and acetic acid.

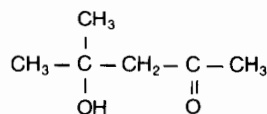
**Information Sources:** MI

**Other Names:**  
Estol 432 (*Price's*)

## DIACETONE ALCOHOL

**CAS Number:** 123-42-2

**Definition:** Diacetone Alcohol is the ketone that conforms to the formula:



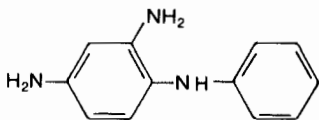
**Information Sources:** MI, 21CFR121.2520

**Other Names:**  
2-Hydroxy-2-Methyl-4-Pentanone  
4-Hydroxy-4-Methyl-2-Pentanone

## 2,4-DIAMINODIPHENYLAMINE

**CAS Number:** 136-17-4

**Definition:** 2,4-Diaminodiphenylamine is the aromatic amine that conforms to the formula:

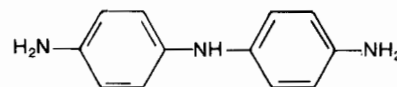


## Diammonium Citrate

### 4,4'-DIAMINODIPHENYLAMINE

**CAS Number:** 537-65-5

**Definition:** 4,4'-Diaminodiphenylamine is the aromatic amine that conforms to the formula:

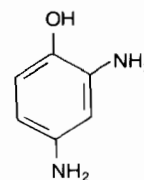


**Information Sources:** C176120, MI

### 2,4-DIAMINOPHENOL

**CAS Number:** 95-86-3

**Definition:** 2,4-Diaminophenol is the aromatic amine that conforms to the formula:

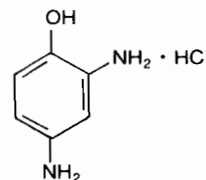


**Information Sources:** MI

### 2,4-DIAMINOPHENOL HCl

**CAS Number:** 137-09-7

**Definition:** 2,4-Diaminophenol HCl is the aromatic amine that conforms to the formula:

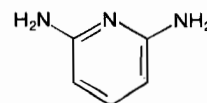


**Information Sources:** MI

### 2,6-DIAMINOPYRIDINE

**CAS Number:** 141-86-6

**Definition:** 2,6-Diaminopyridine is the aromatic amine that conforms to the formula:

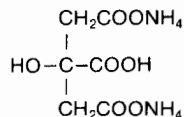


### DIAMMONIUM CITRATE

**CAS Number:** 3012-65-5

**Definition:** Diammonium Citrate is the ammonium salt of citric acid that conforms to the formula:

## Diammonium Citrate (Cont.)



Information Sources: CTFA, MI

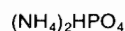
Other Names:

Ammonium Citrate, Dibasic

## DIAMMONIUM PHOSPHATE

CAS Number: 7783-28-0

Definition: Diammonium Phosphate is the inorganic salt that conforms to the formula:



Information Sources: FCC, HP, MI, 21CFR121.265

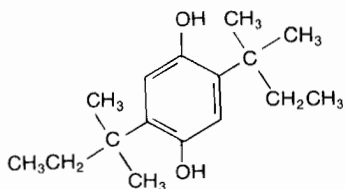
Other Names:

Ammonium Phosphate, Dibasic  
Diammonium Hydrogen Phosphate  
Secondary Ammonium Phosphate

## DIAMYLHYDROQUINONE

CAS Number: 79-74-3

Definition: Diamylhydroquinone is the aromatic phenol that conforms to the formula:



Information Sources: MI

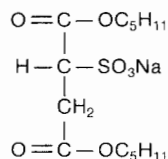
Other Names:

2,5-Di-t-Amylhydroquinone  
2,5-Di-t-Pentylhydroquinone  
Santovar A (Monsanto)

## DIAMYL SODIUM SULFOSUCCINATE

CAS Number: 922-80-5

Definition: Diamyl Sodium Sulfosuccinate is the sodium salt of the diester of an amyl alcohol and sulfosuccinic acid. It conforms to the formula:



Information Sources: MI

## Di-t-Butylhydroquinone

Other Names:

Aerosol AY-65 (American Cyanamid)  
Aerosol AY-100 (American Cyanamid)

## DIATOMACEOUS EARTH

CAS Number: 7631-86-9

Definition: Diatomaceous Earth is a mineral material consisting essentially of the siliceous frustules and fragments of various species of diatoms.

Information Sources: FCC, MAR, MI,  
21CFR121.101, 21CFR121.322, 21CFR121.2514,  
21CFR121.2587

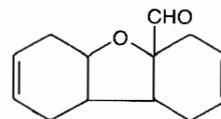
Other Names:

Celite 281 (Johns-Manville)  
Celite 501 (Johns-Manville)  
Celite 503 (Johns-Manville)  
Celite 512 (Johns-Manville)  
Celite 521 AW (Johns-Manville)  
Celite 545 (Johns-Manville)  
Celite 550 (Johns-Manville)  
Celite 560 (Johns-Manville)  
Celite 577 (Johns-Manville)  
Diatomaceous Silica  
Diatomite  
Dicalite Speedex (Grefco)  
Dicalite Superaid (Grefco)  
Dicalite 231 (Grefco)  
Filter-Cel (Johns-Manville)  
Hyflo Super-Cel (Johns-Manville)  
Infusorial Earth  
Siliceous Earth  
Standard Super-Cel (Johns-Manville)  
Super Floss (Johns-Manville)

## DIBUTYLENE TETRAFURFURAL

RD Number: 977056-48-6

Definition: Dibutylene Tetrafurfural is the organic compound that conforms to the formula:



Other Names:

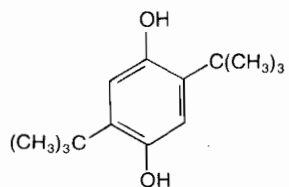
2,3,4,5-Bisbutylene Tetrafurfural

## DI-t-BUTYLHYDROQUINONE

CAS Number: 88-58-4

Definition: Di-t-Butylhydroquinone is the aromatic compound that conforms to the formula:

## D-t-Butylhydroquinone (Cont.)



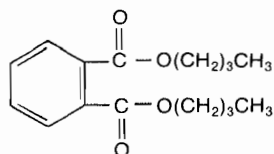
*Information Sources:* 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2535, 21CFR121.2571, 21CFR121.2576

*Other Names:*  
2,5-Ditertiary Butyl Hydroquinone

## DIBUTYL PHTHALATE

*CAS Number:* 84-74-2

*Definition:* Dibutyl Phthalate is the aromatic diester of butyl alcohol and phthalic acid. It conforms to the formula:



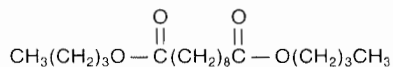
*Information Sources:* IND, KOR, MAR, MI, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2526, 21CFR121.2562, 21CFR121.2576

*Other Names:*  
Unimate DBP (*Union Camp*)

## DIBUTYL SEBACATE

*CAS Number:* 109-43-3

*Definition:* Dibutyl Sebacate is the diester of butyl alcohol and sebacic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.1164, 21CFR121.2005, 21CFR121.2514, 21CFR121.2520, 21CFR121.2526, 21CFR121.2531, 21CFR121.2562, 21CFR121.2569

*Other Names:*  
Unimate DBS (*Union Camp*)

## DICALCIUM PHOSPHATE

*CAS Number:* 7757-93-9

*Definition:* Dicalcium Phosphate is the inorganic salt that conforms to the formula:

## Dicetyl Thiodipropionate

$\text{CaHPO}_4$

*Information Sources:* CTFA, ARG, AUS, DA, FCC, HUN, MAR, MI, NF, PF, PN, POR, 21CFR121.2005, 21CFR121.2514

*Other Names:*  
Calcium Monohydrogen Phosphate Anhydrous  
Calcium Phosphate Dibasic Anhydrous  
Dicalcium Phosphate Anhydrous

## DICALCIUM PHOSPHATE DIHYDRATE

*CAS Number:* 7789-77-7

*Definition:* Dicalcium Phosphate Dihydrate is the inorganic salt that conforms to the formula:

$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$

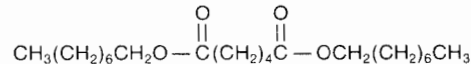
*Information Sources:* BRA, DDR, EGY, FIN, IND, ITA, MEX, MI, USD, YUG

*Other Names:*  
Calcium Monohydrogen Phosphate Dihydrate  
Calcium Phosphate Dibasic Dihydrate

## DICAPRYL ADIPATE

*CAS Number:* 105-97-5

*Definition:* Dicapryl Adipate is the diester of capryl alcohol and adipic acid. It conforms to the formula:

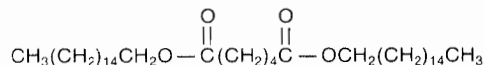


*Other Names:*  
Unimate 600 (*Union Camp*)

## DICETYL ADIPATE

*CAS Number:* 26720-21-8

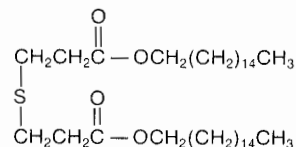
*Definition:* Dicetyl Adipate is the diester of cetyl alcohol and adipic acid. It conforms to the formula:



*Other Names:*  
Di-n-Hexadecyl Adipate

## DICETYL THIODIPROPIONATE

*Definition:* Dicetyl Thiodipropionate is the diester of cetyl alcohol and 3,3'-Thiodipropionic Acid (q.v.). It conforms to the formula:



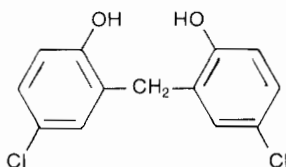
*Information Sources:* 21CFR121.2566

## Dichlorophene

### DICHLOROPHENE

CAS Number: 97-23-4

**Definition:** Dichlorophene is the halogenated phenolic compound that conforms to the formula:



**Information Sources:** CTFA, AUS, BP, BPC, MAR, MI, 21CFR121.2520, 21CFR121.2526

**Other Names:**

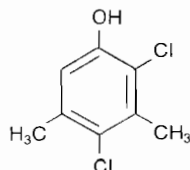
G-4 (Givaudan)

2,2'-Methylenebis (4-Chlorophenol)

### DICHLORO-m-XYLENOL

CAS Number: 133-53-9

**Definition:** Dichloro-m-Xylenol is the substituted phenol which conforms to the formula:



**Information Sources:** MAR, MI

**Other Names:**

Ottacide 4 (Ottawa)

### DICOCAMINE

RD Number: 977064-21-3

**Definition:** Dicocamine is a secondary aliphatic amine derived from Coconut Acid (q.v.). It conforms generally to the formula:



where R represents the coconut radical.

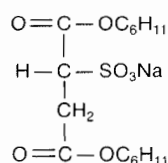
**Other Names:**

Armeen 2C (Armak)

### DICYCLOHEXYL SODIUM SULFOSUCCINATE

CAS Number: 23386-52-9

**Definition:** Dicyclohexyl Sodium Sulfosuccinate is the sodium salt of the diester of cyclohexyl alcohol and sulfosuccinic acid. It conforms to the formula:



**Other Names:**

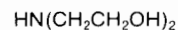
Aerosol A-196 (American Cyanamid)

## Diethylamino Methylcoumarin

### DIETHANOLAMINE

CAS Number: 111-42-2

**Definition:** Diethanolamine is the aliphatic amine that conforms to the formula:

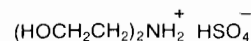


**Information Sources:** CTFA, MI, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2562, 21CFR121.2571

### DIETHANOLAMINE BISULFATE

RD Number: 977056-49-7

**Definition:** Diethanolamine Bisulfate is the salt of diethanolamine that conforms to the formula:



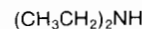
**Other Names:**

Decol

### DIETHYLAMINE

CAS Number: 109-87-7

**Definition:** Diethylamine is the aliphatic amine that conforms to the formula:

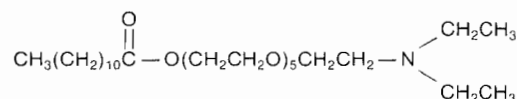


**Information Sources:** MI, 21CFR121.2520, 21CFR121.2562

### DIETHYLAMINOETHYL PEG-5 LAURATE

RD Number: 977068-16-8

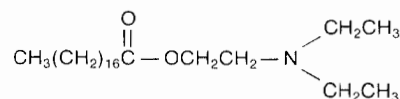
**Definition:** Diethylaminoethyl PEG-5 Laurate is the substituted amine of the ethoxylated ester of lauric acid that conforms to the formula:



### DIETHYLAMINOETHYL STEARATE

CAS Number: 3179-81-5

**Definition:** Diethylaminoethyl Stearate is the aliphatic ester that conforms to the formula:



**Other Names:**

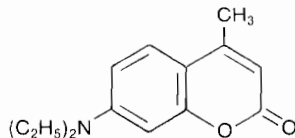
Cerasynt 303 (Van Dyk)

### DIETHYLAMINO METHYLCOUMARIN

RD Number: 977063-90-3

**Definition:** Diethylamino Methylcoumarin is the aromatic amine that conforms to the formula:

## Diethylamino Methylcoumarin (Cont.)



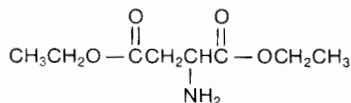
*Other Names:*

Uvitex SWN Conc (Ciba-Geigy)

## DIETHYL ASPARTATE

*RD Number:* 977063-88-9

*Definition:* Diethyl Aspartate is the diester of ethyl alcohol and aspartic acid. It conforms to the formula:



## DIETHYLENE GLYCOL

*CAS Number:* 111-46-6

*Definition:* Diethylene Glycol is the aliphatic diol that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, 21CFR121.2520, 21CFR121.2576

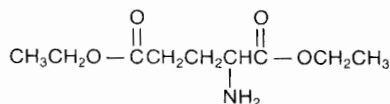
*Other Names:*

Diglycol

## DIETHYL GLUTAMATE

*RD Number:* 977063-89-0

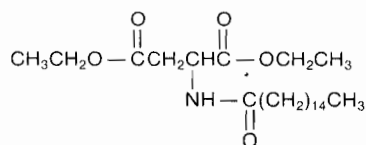
*Definition:* Diethyl Glutamate is the diester of ethyl alcohol and glutamic acid. It conforms to the formula:



## DIETHYL PALMITOYL ASPARTATE

*RD Number:* 977064-59-7

*Definition:* Diethyl Palmitoyl Aspartate is the palmitic amide of diethyl aspartate. It conforms to the formula:



*Other Names:*

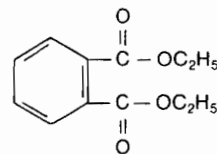
PAP (Katsura)

## DIETHYL PHTHALATE

*CAS Number:* 84-66-2

## Diheptyl Sodium Sulfosuccinate

*Definition:* Diethyl Phthalate is the aromatic diester of ethyl alcohol and phthalic acid. It conforms to the formula:



*Information Sources:* CTFA, BPC, MAR, MI, 21CFR121.2005, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531, 21CFR121.2569, 27CFR121.77

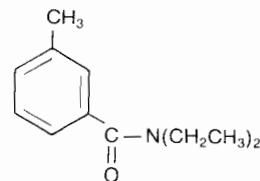
*Other Names:*

Estol 313 (Price's)

## N,N-DIETHYL-m-TOLUAMIDE

*CAS Number:* 134-62-3

*Definition:* N,N-Diethyl-m-Toluamide is the aromatic amide that conforms to the formula:



*Information Sources:* MAR, MI, NF, USD, USP XVIII

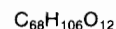
*Other Names:*

m-Delphene

## DIGALLOYL TRIOLEATE

*CAS Number:* 17048-39-4

*Definition:* Digalloyl Trioleate is the triester of digallic acid and oleic acid. It conforms generally to the formula:



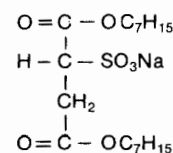
*Other Names:*

Gallic Acid, 3-Gallate, Trioleate

## DIHEPTYL SODIUM SULFOSUCCINATE

*RD Number:* 977056-51-1

*Definition:* Diheptyl sodium sulfosuccinate is the sodium salt of the diester of a heptyl alcohol and sulfosuccinic acid. It conforms to the formula:

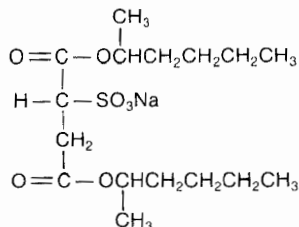


## Dihexyl Sodium Sulfosuccinate

### DIHEXYL SODIUM SULFOSUCCINATE

CAS Number: 3006-15-3

**Definition:** Dihexyl Sodium Sulfosuccinate is the sodium salt of the diester of 1-methylamyl alcohol and sulfosuccinic acid. It conforms to the formula:



**Information Sources:** MAR, MI, 21CFR121.2520

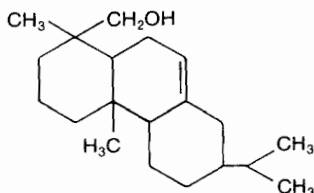
**Other Names:**

Aerosol MA-80 (*American Cyanamid*)  
Bis (1-Methylamyl) Sodium Sulfosuccinate

### DIHYDROABIETYL ALCOHOL

CAS Number: 26266-77-3

**Definition:** Dihydroabietyl Alcohol is the organic alcohol derived from wood rosin that conforms generally to the formula:



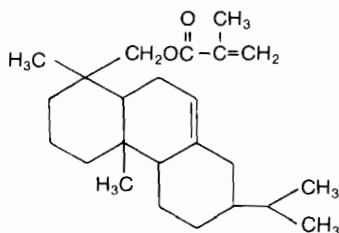
**Other Names:**

Abitol (*Hercules*)  
Hydroabietyl Alcohol

### DIHYDROABIETYL METHACRYLATE

RD Number: 977052-88-2

**Definition:** Dihydroabietyl Methacrylate is the ester produced by the reaction of Dihydroabietyl Alcohol (q.v.) and methacrylic acid. It conforms generally to the formula:



**Other Names:**

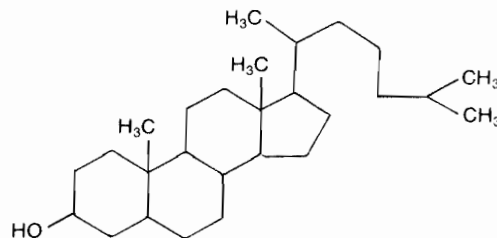
Abitol Methacrylate (*Hercules*)

### DIHYDROCHOLESTEROL

CAS Number: 80-97-7

**Definition:** Dihydrocholesterol is the steroid that conforms to the formula:

### Dihydroxyacetone



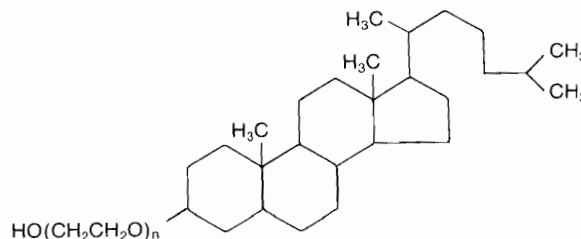
**Information Sources:** MI

**Other Names:**  
Cholestanol

### DIHYDROCHOLETH-15

RD Number: 977069-17-2

**Definition:** Dihydrocholeth-15 is the polyethylene glycol ether of Dihydrocholesterol (q.v.) that conforms to the formula:



where n has an average value of 15.

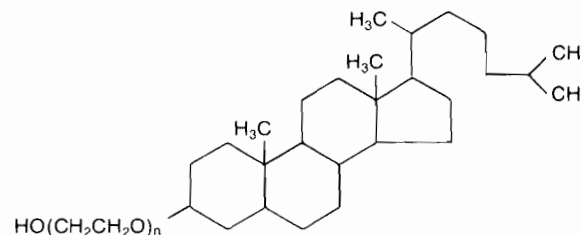
**Other Names:**

Nikkol DHC-15 (*Nikko*)

### DIHYDROCHOLETH-30

RD Number: 977069-18-3

**Definition:** Dihydrocholeth-30 is the polyethylene glycol ether of Dihydrocholesterol (q.v.) that conforms to the formula:



where n has an average value of 30.

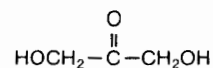
**Other Names:**

Nikkol DHC-30 (*Nikko*)

### DIHYDROXYACETONE

CAS Number: 96-26-4

**Definition:** Dihydroxyacetone is the aliphatic ketone that conforms to the formula:





## Dihydroxyacetone (Cont.)

*Information Sources:* MAR, MI, 21CFR8.6016, 21CFR8.8005

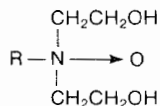
*Other Names:*

1,3-Dihydroxydimethyl Ketone

## DIHYDROXYETHYL COCAMINE OXIDE

*RD Number:* 977056-52-2

*Definition:* Dihydroxyethyl Cocamine Oxide is the amine oxide of dihydroxyethyl coconut fatty acid amine. It conforms generally to the formula:



where R represents the coconut radical

*Information Sources:* CTFA

*Other Names:*

Aromox C/12 (Armak)

Aromox C/12W (Armak)

Bis(2-Hydroxyethyl) Cocoamine Oxide

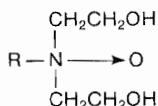
Coco Di-(Hydroxyethyl) Amine Oxide

Varox 743 (Ashland)

## DIHYDROXYETHYL STEARAMINE OXIDE

*RD Number:* 977056-53-3

*Definition:* Dihydroxyethyl Stearamine Oxide is the amine oxide of dihydroxyethyl stearyl amine. It conforms generally to the formula:



*Other Names:*

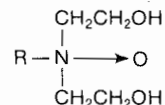
Aromox 18/12 (Armak)

Bis(2-Hydroxyethyl) Stearylamine Oxide

## DIHYDROXYETHYL TALLOW AMINE OXIDE

*RD Number:* 977064-23-5

*Definition:* Dihydroxyethyl Tallow Amine Oxide is the tertiary amine oxide of dihydroxyethyl tallow amine. It conforms generally to the formula:



where R represents the tallow radical.

*Other Names:*

Aromox T/12 (Armak)

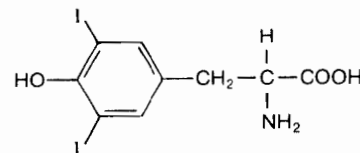
Bis(2-Hydroxyethyl) Tallow Amine Oxide

## DIIODOTYROSINE

*CAS Number:* 300-39-0

## Diisopropyl Adipate

*Definition:* Diiodotyrosine is the halogenated amino acid that conforms to the formula:



*Information Sources:* AUS, CZE, DDR, MAR, MI, PF

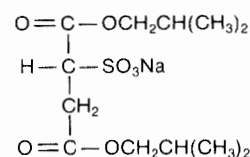
*Other Names:*

3,5-Diiodotyrosine

## DIISOBUTYL SODIUM SULFOSUCCINATE

*CAS Number:* 127-39-9

*Definition:* Diisobutyl Sodium Sulfosuccinate is the sodium salt of the diester of isobutyl alcohol and sulfosuccinic acid. It conforms to the formula:



*Information Sources:* MI

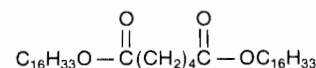
*Other Names:*

Aerosol IB-45 (American Cyanamid)

## DIISOCETYL ADIPATE

*RD Number:* 977052-98-4

*Definition:* Diisocetyl Adipate is the diester of hexadecyl alcohol and adipic acid. It conforms to the formula:



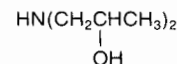
*Other Names:*

Wickenol 119 (Wickhen)

## DIISOPROPANOLAMINE

*CAS Number:* 110-97-4

*Definition:* Diisopropanolamine is the aliphatic amine that conforms to the formula:



*Information Sources:* CTFA, 21CFR121.2519

*Other Names:*

DIPA

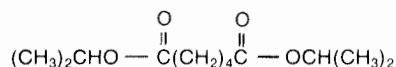
## DIISOPROPYL ADIPATE

*CAS Number:* 6938-94-9

*Definition:* Diisopropyl Adipate is the diester of

## Diisopropyl Adipate (Cont.)

isopropyl alcohol and adipic acid. It conforms generally to the formula:



**Information Sources:** CTFA

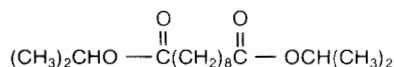
**Other Names:**

Beta DIA (*Beta*)  
Ceraphyl 230 (*Van Dyk*)  
Crodamol DA (*Croda*)  
Iso-Adipate 2/043700 (*Dragoco*)  
Prodipate (*Robinson-Wagner*)  
Schercemol DIA (*Scher Bros.*)  
Standamul DIPA (*Henkel*)  
Tegester 504-D (*Inolex*)  
Wickenol 116 (*Wickhen*)

## DIISOPROPYL SEBACATE

**CAS Number:** 7491-02-3

**Definition:** Diisopropyl Sebacate is the diester of isopropyl alcohol and sebacic acid. It conforms generally to the formula:



**Information Sources:** CTFA

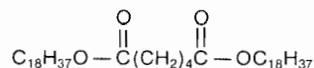
**Other Names:**

Prosebate (*Robinson-Wagner*)  
Unimate DIPS (*Union Camp*)  
Wickenol 117 (*Wickhen*)

## DIISOSTEARYL ADIPATE

**RD Number:** 977064-60-0

**Definition:** Diisostearyl Adipate is the diester of Isostearyl Alcohol (q.v.) and adipic acid. It conforms generally to the formula:



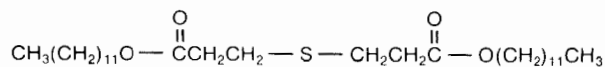
**Other Names:**

Eshelan 218-D (*Nippon Fine Chemicals*)

## DILAURYL THIODIPROPIONATE

**CAS Number:** 123-28-4

**Definition:** Dilauryl Thiodipropionate is the diester of lauryl alcohol and 3,3'-Thiodipropionic Acid (q.v.). It conforms generally to the formula:



**Information Sources:** CTFA, FCC, MAR, 21CFR121.101, 21CFR121.2005, 21CFR121.2514

## DIMER ACID

**RD Number:** 977063-84-5

## Dimethicone Copolyol

**Definition:** Dimer Acid is the 36-carbon dicarboxylic acid formed by the catalytic dimerization of linoleic acid.

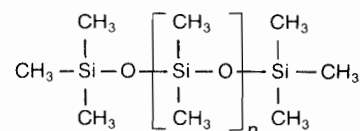
**Other Names:**

Empol 1010 (*Emery*)  
Empol 1014 (*Emery*)  
Empol 1016 (*Emery*)  
Empol 1018 (*Emery*)  
Empol 1022 (*Emery*)  
Empol 1024 (*Emery*)

## DIMETHICONE

**CAS Number:** PM9006-65-9

**Definition:** Dimethicone is a mixture of fully methylated linear siloxane polymers end blocked with trimethylsiloxy units. It conforms generally to the formula:



**Information Sources:** CTFA, BPC, FCC, MAR, MI, 21CFR121.1099, 21CFR121.2005, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2531, 21CFR121.2535, 21CFR121.2553, 21CFR121.2557

**Other Names:**

Cru-Release 901F (*Crucible*)  
Dimethyl Silicone  
Dimethylpolysiloxane  
Dow Corning 200 Fluid (*Dow Corning*)  
Dow Corning 225 Fluid (*Dow Corning*)  
Dow Corning Medical Fluid 360 (*Dow Corning*)  
Foamkill 810F (*Crucible*)  
Foamkill 830F (*Crucible*)  
Medical Fluid 360 (*Dow Corning*)  
Protachem Antifoam BM (*Protameen*)  
Silicone 200 Fluid (*Dow Corning*)  
Silicone 225 Fluid (*Dow Corning*)  
Silicone 360 Fluid (*Dow Corning*)  
Silicone Fluid SF-96 (*General Electric*)  
Silicone Fluid SWS-101 (*SWS Silicones*)  
Silicone L-45 (*Union Carbide*)  
Silicone Y-4854 (*Union Carbide*)  
Velvasil (*General Electric*)  
Viscasil (*General Electric*)  
Y-4854 Silicone (*Union Carbide*)

## DIMETHICONE COPOLYOL

**RD Number:** 977058-72-2

**Definition:** Dimethicone Copolyol is a polymer of dimethylsiloxane with polyoxyethylene and/or polyoxypropylene side chains.

**Other Names:**

Dimethylsiloxane-Glycol Copolymer

Dow Corning 470A Fluid (*Dow Corning*)  
 Dow Corning 472 Fluid (*Dow Corning*)  
 Dow Corning 473 Fluid (*Dow Corning*)  
 SF-1066 Silicone Fluid (*General Electric*)  
 Silicone Copolymer F-754 (*SWS Silicones*)  
 Silicone Fluid SF-1066 (*General Electric*)  
 Silicone L-75 (*Union Carbide*)  
 Silicone L-77 (*Union Carbide*)  
 Silicone L-520 (*Union Carbide*)  
 Silicone L-522 (*Union Carbide*)  
 Silicone L-530 (*Union Carbide*)  
 Silicone L-531 (*Union Carbide*)  
 Silicone L-7500 (*Union Carbide*)  
 Silicone 470A Fluid (*Dow Corning*)  
 Silicone 472 Fluid (*Dow Corning*)  
 Silicone 473 Fluid (*Dow Corning*)

**DIMETHICONOL**

RD Number: 977068-17-9

*Definition:* Dimethiconol is a dimethyl silicone terminated with hydroxyl groups.

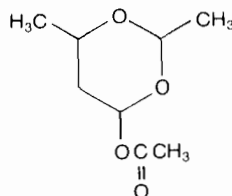
*Other Names:*

Silicone Fluid F-212 (*SWS Silicones*)

**DIMETHOXANE**

CAS Number: 828-00-2

*Definition:* Dimethoxane is the organic compound that conforms to the formula:



*Information Sources:* MI

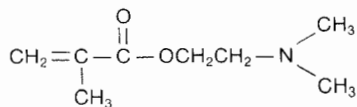
*Other Names:*

6-Acetoxy-2,4-Dimethyl-m-Dioxane  
 Giv-Gard DXN (*Givaudan*)

**DIMETHYLAMINOETHYL METHACRYLATE**

CAS Number: 2867-47-2

*Definition:* Dimethylaminoethyl Methacrylate is the aliphatic ester amine that conforms to the formula:

**3-DIMETHYLAMINOPROPYLAMINE**

RD Number: 977056-56-6

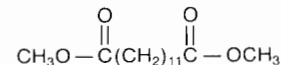
*Definition:* 3-Dimethylaminopropylamine is the aliphatic amine that conforms to the formula:

$(\text{CH}_3)_2\text{NCH}_2\text{CH}_2\text{CH}_2\text{NH}_2$ .

**DIMETHYL BRASSYLATE**

CAS Number: 1472-87-3

*Definition:* Dimethyl Brassylate is the diester of methyl alcohol and brassylic acid. It conforms to the formula:



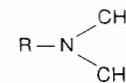
*Other Names:*

Emerest 2340 (*Malmstrom*)

**DIMETHYL COCAMINE**

RD Number: 977056-59-9

*Definition:* Dimethyl Cocamine is a tertiary aliphatic amine that conforms generally to the formula:



where R represents the coconut radical.

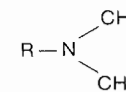
*Other Names:*

Armeen DMCD (*Armak*)  
 Armeen DMMCD (*Armak*)  
 Barlene 12C (*Lonza*)  
 Coco Dimethyl Amine  
 Dimethyl Coconut Amine

**DIMETHYL HYDROGENATED TALLOW AMINE**

RD Number: 977064-24-6

*Definition:* Dimethyl Hydrogenated Tallow Amine is a tertiary aliphatic amine derived from Hydrogenated Tallow Acid (q.v.). It conforms generally to the formula:



where R represents the hydrogenated tallow radical.

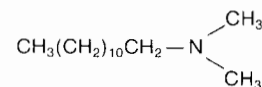
*Other Names:*

Armeen DMHTD (*Armak*)  
 Hydrogenated Tallow Dimethyl Amine

**DIMETHYL LAURAMINE**

CAS Number: 112-18-5

*Definition:* Dimethyl Lauramine is the tertiary aliphatic amine that conforms generally to the formula:



*Other Names:*

Armeen DM12D (*Armak*)

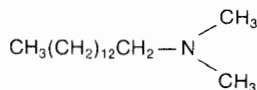
## Dimethyl Lauramine (Cont.)

Barlene 12S (Lonza)  
Dimethyl Laurylamine  
Lauryl Dimethyl Amine

## DIMETHYL MYRISTAMINE

RD Number: 977058-97-1

*Definition:* Dimethyl Myristamine is the tertiary aliphatic amine that conforms generally to the formula:



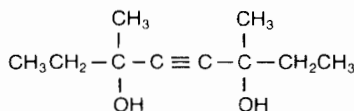
*Other Names:*

Armeen DM14D (Armak)  
Barlene 14 (Lonza)  
Barlene 14S (Lonza)  
Dimethyl Myristylamine  
Myristyl Dimethyl Amine

## DIMETHYL OCTYNEEDIOL

CAS Number: 1321-87-5

*Definition:* Dimethyl Octynediol is the aliphatic alcohol that conforms to the formula:



*Information Sources:* 21CFR121.2520

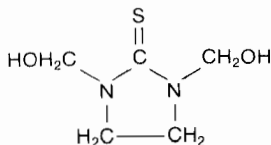
*Other Names:*

Surfynol 82 (Air Products)

## DIMETHYLOL ETHYLENE THIOUREA

CAS Number: 15534-95-9

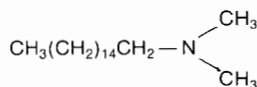
*Definition:* Dimethylol Ethylene Thiourea is the heterocyclic organic compound that conforms to the formula:



## DIMETHYL PALMITAMINE

RD Number: 977056-61-3

*Definition:* Dimethyl Palmitamine is the tertiary aliphatic amine that conforms generally to the formula:



*Other Names:*

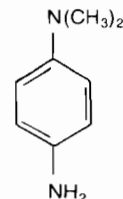
Armeen DM16D (Armak)  
Dimethyl Palmitylamine  
Palmityl Dimethyl Amine

## Dimethyl Stearamine

## N,N-DIMETHYL-p-PHENYLENE DIAMINE

CAS Number: 99-98-9

*Definition:* N,N-Dimethyl-p-Phenylene Diamine is the substituted aromatic amine that conforms to the formula:

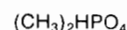


*Information Sources:* CI 76075, MI

## DIMETHYL PHOSPHATE

CAS Number: 115-92-4

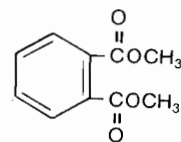
*Definition:* Dimethyl Phosphate is the methyl ester of phosphoric acid. It conforms to the formula:



## DIMETHYL PHTHALATE

CAS Number: 131-11-3

*Definition:* Dimethyl Phthalate is the diester of methyl alcohol and phthalic acid. It conforms to the formula:

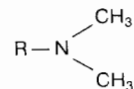


*Information Sources:* BP, BPC, KOR, MAR, MI, NFJ, PN, USD, 21CFR121.2520, 21CFR121.2576, 21CFR121.2591

## DIMETHYL SOYAMINE

RD Number: 977062-25-7

*Definition:* Dimethyl Soyamine is a tertiary aliphatic amine derived from Soya Acid (q.v.). It conforms generally to the formula:



where R represents the soya radical.

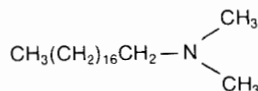
*Other Names:*

Armeen DMSD (Armak)  
Soya Dimethyl Amine

## DIMETHYL STEARAMINE

CAS Number: 124-28-7

*Definition:* Dimethyl Stearamine is the tertiary aliphatic amine that conforms generally to the formula:

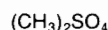
**Other Names:**

Armeen-DM18D (Armak)  
Dimethyl Stearylamine  
Stearyl Dimethyl Amine

**DIMETHYL SULFATE**

CAS Number: 77-78-1

**Definition:** Dimethyl Sulfate is the methyl diester of sulfuric acid. It conforms to the formula:

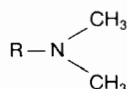


Information Sources: MI

**DIMETHYL TALLOW AMINE**

RD Number: 977056-62-4

**Definition:** Dimethyl Tallow Amine is a tertiary aliphatic amine derived from Tallow Acid (q.v.). It conforms generally to the formula:



where R represents the tallow radical.

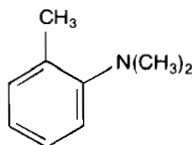
**Other Names:**

Tallow Dimethyl Amine

**DIMETHYL-o-TOLUIDINE**

RD Number: 977056-63-5

**Definition:** Dimethyl-o-Toluidine is the substituted aromatic compound that conforms to the formula:

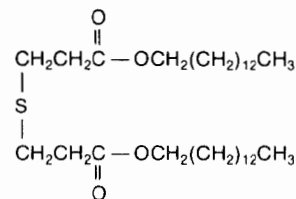
**Other Names:**

N,N-Dimethyl-o-Toluidine

**DIMYRISTYL THIODIPROPIONATE**

CAS Number: 16545-54-3

**Definition:** Dimyristyl Thiodipropionate is the diester of myristyl alcohol and 3,3'-Thiodipropionic Acid (q.v.). It conforms to the formula:

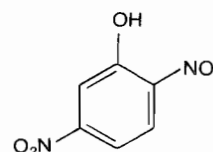


Information Sources: 21CFR121.2566

**2,5-DINITROPHENOL**

CAS Number: 329-71-5

**Definition:** 2,5-Dinitrophenol is the substituted aromatic alcohol that conforms to the formula:

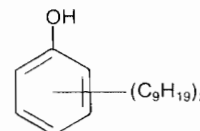


Information Sources: MI

**DINONYL PHENOL**

CAS Number: 1323-65-5

**Definition:** Dinonyl Phenol is a mixture of dialkyl substituted phenols that conforms generally to the formula:

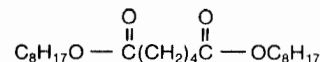


Information Sources: 21CFR121.2520

**DIOCTYL ADIPATE**

CAS Number: 123-79-5

**Definition:** Dioctyl Adipate is the diester of an octyl alcohol and adipic acid. It conforms generally to the formula:



Information Sources: CTFA, 21CFR121.2507,  
21CFR121.2511, 21CFR121.2520,  
21CFR121.2550, 21CFR121.2562

**Other Names:**

Di-(2-Ethyhexyl) Adipate  
Wickenol 158 (Wickhen)

**DIOCTYLAMINE**

CAS Number: 106-20-7

**Definition:** Dioctylamine is the dialkyl amine that conforms to the formula:

## Dioctylamine (Cont.)

(C<sub>8</sub>H<sub>17</sub>)<sub>2</sub>NH

Information Sources: CTFA

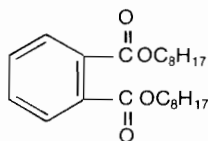
Other Names:

Di-(2-Ethylhexyl)amine

## DIOCTYL PHTHALATE

CAS Number: 117-84-0

Definition: Dioctyl Phthalate is the diester of an octyl alcohol and phthalic acid. It conforms generally to the formula:



Information Sources: MI, 21CFR121.2005, 21CFR121.2507, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2531, 21CFR121.2562, 21CFR121.2591

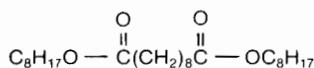
Other Names:

Di-(2-Ethylhexyl) Phthalate

## DIOCTYL SEBACATE

CAS Number: 122-62-3

Definition: Dioctyl Sebacate is the diester of an octyl alcohol and sebacic acid. It conforms generally to the formula:



Information Sources: CTFA, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531, 21CFR121.2550, 21CFR121.2562

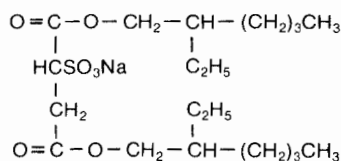
Other Names:

Di-(2-Ethylhexyl) Sebacate  
Unimate DOS (Union Camp)

## DIOCTYL SODIUM SULFOSUCCINATE

CAS Number: 577-11-7

Definition: Dioctyl Sodium Sulfosuccinate is the sodium salt of the diester of an octyl alcohol and sulfosuccinic acid. It conforms to the formula:



Information Sources: BPC, FCC, IND, MAR, MI, SNPF, USD, USP, 21CFR121.1137, 21CFR121.2507, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2535,

## Diphenolic Acid

21CFR121.2541, 21CFR121.2569

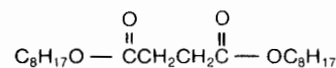
Other Names:

Aerosol OT (American Cyanamid)  
Aerosol OT-100 (American Cyanamid)  
Di-(2-Ethylhexyl) Sodium Sulfosuccinate  
Monawet MO-70 (Mona)  
Monawet MO-70 RP (Mona)  
Monawet MO-84 R2W (Mona)  
Nekal WT-27 (GAF)  
Sodium Di-(2-Ethylhexyl) Sulfosuccinate  
Sodium Dioctyl Sulfosuccinate  
Solusol-75% (American Cyanamid)  
Solusol-100% (American Cyanamid)  
Triton GR-5 (Rohm & Haas)

## DIOCTYL SUCCINATE

CAS Number: 2915-57-3

Definition: Dioctyl Succinate is the diester of an octyl alcohol and succinic acid. It conforms generally to the formula:



Information Sources: CTFA

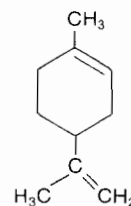
Other Names:

Di-(2-Ethylhexyl) Succinate  
Wickenol 159 (Wickhen)

## DIPENTENE

RD Number: 977051-10-7

Definition: Dipentene is the terpene that conforms to the formula:



Information Sources: MI, 21CFR121.2520

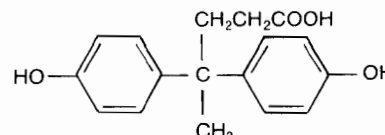
Other Names:

Dipentene No. 122 (Hercules)  
DL-Limonene

## DIPHENOLIC ACID

CAS Number: 126-00-1

Definition: Diphenolic Acid is the substituted aromatic alcohol that conforms to the formula:



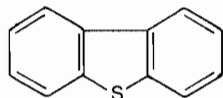
Information Sources: MI

## Diphenylene Sulfide

### DIPHENYLENE SULFIDE

CAS Number: 132-65-0

*Definition:* Diphenylene Sulfide is the aromatic compound that conforms to the formula:



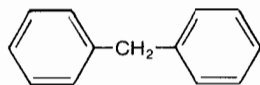
*Other Names:*

Dibenzothiophene (*Evans Chemetics*)

### DIPHENYL METHANE

CAS Number: 101-81-5

*Definition:* Diphenyl Methane is the aromatic compound that conforms to the formula:



*Information Sources:* MI

*Other Names:*

Benzyl Benzene

### DIPOTASSIUM PHOSPHATE

CAS Number: 7758-11-4

*Definition:* Dipotassium Phosphate is the inorganic salt that conforms generally to the formula:



*Information Sources:* FCC, HP, MAR, MI,  
21CFR121.101, 21CFR121.2520

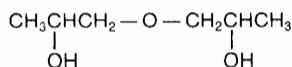
*Other Names:*

Potassium Phosphate, Dibasic

### DIPROPYLENE GLYCOL

CAS Number: 110-98-5

*Definition:* Dipropylene Glycol is a mixture of diols that conforms generally to the formula:



*Information Sources:* CTFA, MAR,  
21CFR121.2520, 21CFR121.2531,  
21CFR121.2557

*Other Names:*

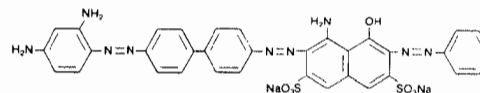
Di-1,2-Propylene Glycol

### DIRECT BLACK 38

CAS Number: 1937-37-7

*Definition:* Direct Black 38 is classed chemically as a trisazo color. It conforms to the formula:

## Direct Brown 2

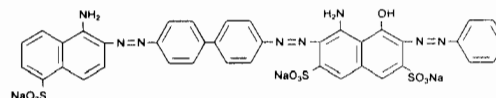


*Information Sources:* CI30235

### DIRECT BLACK 131

CAS Number: 6486-54-0

*Definition:* Direct Black 131 is classed chemically as a trisazo color. It conforms to the formula:

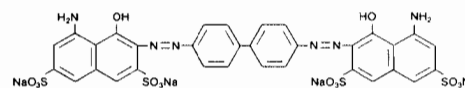


*Information Sources:* CI 30270

### DIRECT BLUE 6

CAS Number: 2602-46-2

*Definition:* Direct Blue 6 is classed chemically as a disazo color. It conforms to the formula:

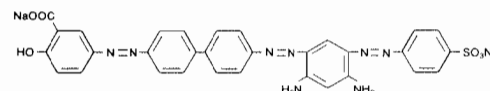


*Information Sources:* CI 22610

### DIRECT BROWN 1

CAS Number: 3811-71-0

*Definition:* Direct Brown 1 is classed chemically as a trisazo color. It conforms to the formula:

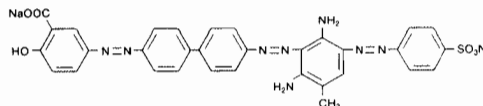


*Information Sources:* CI 30045

### DIRECT BROWN 1:2

CAS Number: 2586-58-5

*Definition:* Direct Brown 1:2 is classed chemically as a trisazo color. It conforms to the formula:



*Information Sources:* CI 30110

*Other Names:*

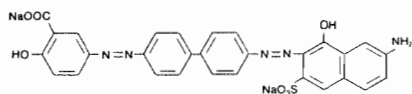
Direct Brown 1A

### DIRECT BROWN 2

CAS Number: 2429-82-5

*Definition:* Direct Brown 2 is classed chemically as a disazo color. It conforms to the formula:

## Direct Brown 2 (Cont.)

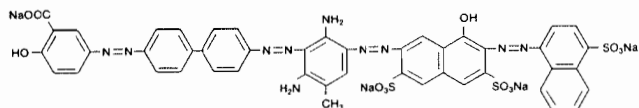


Information Sources: CI 22311

## DIRECT BROWN 31

CAS Number: 2429-81-4

Definition: Direct Brown 31 is classed chemically as a polyazo color. It conforms to the formula:

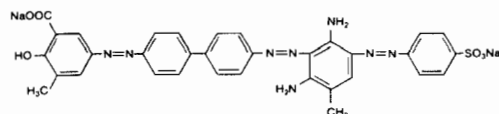


Information Sources: CI 35660

## DIRECT BROWN 154

CAS Number: 6360-54-9

Definition: Direct Brown 154 is classed chemically as a trisazo color. It conforms to the formula:



Information Sources: CI 30120

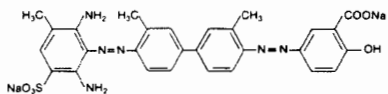
Other Names:

Erie Brown 3GN (Allied)

## DIRECT ORANGE 6

CAS Number: 6637-88-3

Definition: Direct Orange 6 is classed chemically as a disazo color. It conforms to the formula:

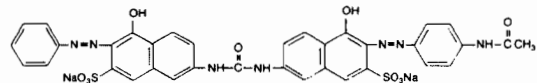


Information Sources: CI 23375

## DIRECT RED 23

CAS Number: 3441-14-3

Definition: Direct Red 23 is classed chemically as a disazo color. It conforms to the formula:



Information Sources: CI 29160

Other Names:

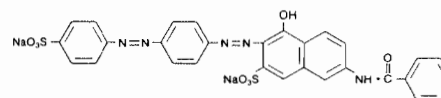
Chloramine Fast Scarlet 4B (Sandoz)  
Fast Scarlet 4BSA

## Disodium EDTA

## DIRECT RED 81

CAS Number: 2610-11-9

Definition: Direct Red 81 is classed chemically as a disazo color. It conforms to the formula:



Information Sources: CI 28160

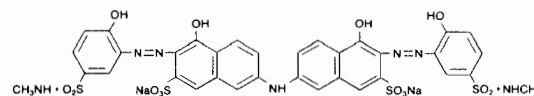
Other Names:

Pyrazol Fast Red 8BL (Sandoz)

## DIRECT VIOLET 48

CAS Number: 37279-54-2

Definition: Direct Violet 48 is classed chemically as a disazo color. It conforms to the formula:

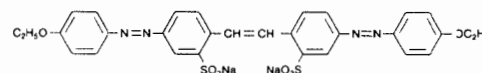


Information Sources: CI 29125

## DIRECT YELLOW 12

CAS Number: 10359-84-9

Definition: Direct Yellow 12 is classed chemically as a disazo color. It conforms to the formula:



Information Sources: CI 24895

Other Names:

Chrysophenine G (Sandoz)

## DIRECT YELLOW 81

RD Number: 977058-74-4

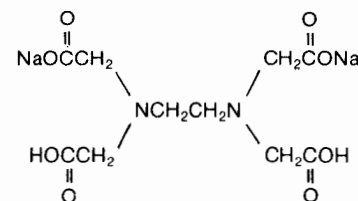
Definition: Direct Yellow 81 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

Information Sources: CI

## DISODIUM EDTA

CAS Number: 139-33-3

Definition: Disodium EDTA is the substituted amine that conforms to the formula:





## Disodium EDTA (Cont.)

**Information Sources:** CTFA, BP, BPC, FCC, MAR, MI, USD, USP, 21CFR121.271, 21CFR121.1056, 21CFR121.2507, 21CFR121.2520, 21CFR121.2535

**Other Names:**

Disodium Edetate  
Disodium Ethylenediaminetetraacetate  
Hamp-Ene Na<sub>2</sub> (*Hampshire*)  
Perma Klear Di Crystals (*Onyx*)  
Sequestrene Na 2 (*Ciba-Geigy*)

## DISODIUM EDTA-COPPER

**RD Number:** 977061-76-9

**Definition:** Disodium EDTA-Copper is a copper chelate of Disodium EDTA (q.v.).

**Information Sources:** 21CFR8.8006

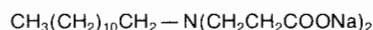
**Other Names:**

Copper Versenate  
Hamp-Ene 13.5% Copper Chelate (*Hampshire*)  
Hamp-Ene Copper Chelate #55-505 (*Hampshire*)  
Disodium [[N,N'-1,2-Ethanediy]bis  
[N-(Carboxymethyl) Glycinato]]  
(4-)-N,N',O,O',O'',O'''] Cuprate (2-)

## DISODIUM LAURIMINODIPROPIONATE

**CAS Number:** 3655-00-3

**Definition:** Disodium Lauriminodipropionate is the disodium salt of a substituted propionic acid. It conforms generally to the formula:



**Information Sources:** CTFA

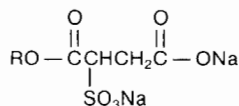
**Other Names:**

Deriphat 160 (*General Mills*)  
Disodium N-Lauryl-β-Iminodipropionate

## DISODIUM MONOCETEARYL SULFOSUCCINATE

**RD Number:** 977063-91-4

**Definition:** Disodium Monocetearyl Sulfosuccinate is the disodium salt of a Cetearyl Alcohol (q.v.) half ester of sulfosuccinic acid. It conforms to the formula:



where R is the cetearyl radical.

**Other Names:**

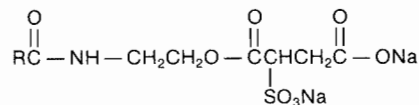
Varsulf H-88 (*Ashland*)

## Disodium Monodeceth-6 Sulfosuccinate

### DISODIUM MONOCOCAMIDO MEA-SULFOSUCCINATE

**RD Number:** 977059-35-0

**Definition:** Disodium Monococamido MEA-Sulfosuccinate is a disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms to the formula:



where  $\text{RC}-$  is the coconut acid radical.

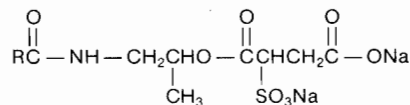
**Other Names:**

Disodium Cocoylmonoethanolamide Sulfosuccinate  
Rewopol SBC 212 (*Rewo*)

### DISODIUM MONOCOCAMIDO MIPA-SULFOSUCCINATE

**RD Number:** 977068-19-1

**Definition:** Disodium Monococamido MIPA-Sulfosuccinate is a disodium salt of a substituted isopropanolamide half ester of sulfosuccinic acid. It conforms to the formula:



where  $\text{RC}-$  is the coconut acid radical.

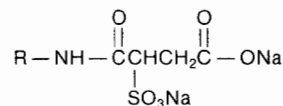
**Other Names:**

Monomate CPA-40 (*Mona*)

### DISODIUM MONOCOCAMIDO-SULFOSUCCINATE

**RD Number:** 977056-65-7

**Definition:** Disodium Monococamidossulfosuccinate is the disodium salt of the monococoyl amide of sulfosuccinic acid. It conforms generally to the formula:



where R represents the coconut fatty radicals.

**Other Names:**

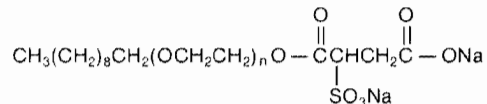
Schercopol CMS-NA (*Scher Bros.*)

### DISODIUM MONODECETH-6 SULFOSUCCINATE

**RD Number:** 977069-19-4

## Disodium Monodeceth-6 Sulfosuccinate (Cont.)

**Definition:** Disodium Monodeceth-6 Sulfosuccinate is a disodium salt of the half ester of an ethoxylated decyl alcohol and sulfosuccinic acid. It conforms generally to the formula:



where n has an average value of 6.

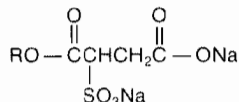
**Other Names:**

Aerosol A-102 (*American Cyanamid*)

## DISODIUM MONOISODECYL SULFOSUCCINATE

RD Number: 977069-20-7

**Definition:** Disodium Monoisodecyl Sulfosuccinate is the disodium salt of a half ester of a branched chain decyl alcohol and sulfosuccinic acid. It conforms generally to the formula:



where R represents the isodecyl radical.

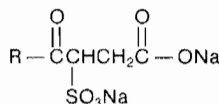
**Other Names:**

Aerosol A-268 (*American Cyanamid*)

## DISODIUM MONOLANETH-5 SULFOSUCCINATE

RD Number: 977059-29-2

**Definition:** Disodium Monolaneth-5 Sulfosuccinate is a disodium salt of the half ester of sulfosuccinic acid. It conforms generally to the formula:



where R is derived from Laneth-5 (q.v.).

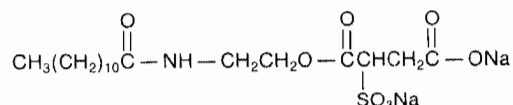
**Other Names:**

Rewolan 5 (*Rewo*)

## DISODIUM MONOLAURAMIDO MEA-SULFOSUCCINATE

RD Number: 977068-20-4

**Definition:** Disodium Monolauramido MEA-Sulfosuccinate is a disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms to the formula:



**Other Names:**

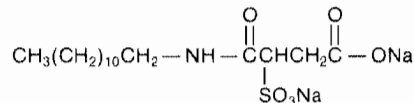
Rewopol SB-L203 (*Rewo*)

## Disodium Monomyristamido MEA-Sulfosuccinate

## DISODIUM MONOLAURAMIDO-SULFOSUCCINATE

RD Number: 977056-66-8

**Definition:** Disodium Monolauramidossulfosuccinate is the disodium salt of the monolauryl amide of sulfosuccinic acid. It conforms generally to the formula:



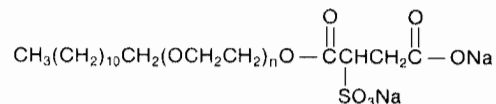
**Other Names:**

Anionyx 12S (*Onyx*)

## DISODIUM MONOLAURETH-SULFOSUCCINATE

RD Number: 977062-04-6

**Definition:** Disodium Monolaurethsulfosuccinate is the disodium salt of an ethoxylated partially esterified sulfosuccinic acid. It conforms generally to the formula:



where n averages between 1 and 4.

**Other Names:**

Cyclonate 103 (*Witco/Cyclo Div*)

Emcol 4300 (*Witco*)

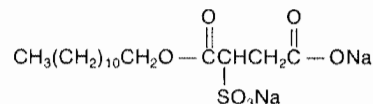
Rewopol SBFA 30 (*Rewo*)

Rewopol SBFA 30/C (*Rewo*)

## DISODIUM MONOLAURYL SULFOSUCCINATE

CAS Number: 13192-12-6

**Definition:** Disodium Monolauryl Sulfosuccinate is the disodium salt of a lauryl alcohol half ester of sulfosuccinic acid. It conforms to the formula:



**Other Names:**

Cyclonate 105 (*Witco/Cyclo Div.*)

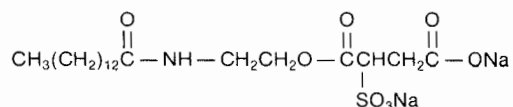
Rewopol SBW (*Rewo*)

## DISODIUM MONOMYRISTAMIDO MEA-SULFOSUCCINATE

RD Number: 977063-92-5

**Definition:** Disodium Monomyristamido MEA-Sulfosuccinate is a disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms to the formula:

**Disodium Monomyristamido  
MEA-Sulfosuccinate (Cont.)**



*Information Sources:* CTFA

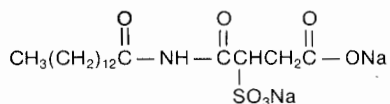
*Other Names:*

Disodium Myristamido MEA-Sulfosuccinate

**DISODIUM MONOMYRISTAMIDO-  
SULFOSUCCINATE**

*RD Number:* 977056-68-0

*Definition:* Disodium Monomyristamidossulfosuccinate is the disodium salt of the monomyristyl amide of sulfosuccinic acid. It conforms generally to the formula:



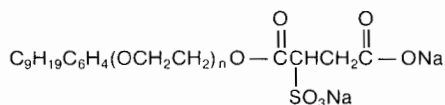
*Other Names:*

Emcol 4100M (Witco)

**DISODIUM MONONONOXYNOL-10  
SULFOSUCCINATE**

*RD Number:* 977069-21-8

*Definition:* Disodium Monononoxynol-10 Sulfosuccinate is a disodium salt of the half ester of Nonoxynol-10 (q.v.) and sulfosuccinic acid. It conforms generally to the formula:



where n has an average value of 10.

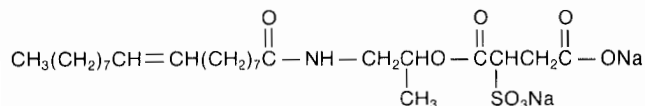
*Other Names:*

Aerosol A-103 (American Cyanamid)

**DISODIUM MONOLEAMIDO  
MIPA-SULFOSUCCINATE**

*RD Number:* 977060-65-3

*Definition:* Disodium Monooleamido MIPA-Sulfosuccinate is the disodium salt of a substituted isopropanolamide half ester of sulfosuccinic acid. It conforms to the formula:



*Information Sources:* CTFA

*Other Names:*

Disodium Oleamido MIPA-Sulfosuccinate  
Disodium Oleoyl Isopropanolamide  
Sulfosuccinate

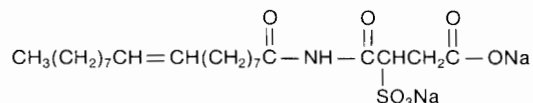
**Disodium Monotallamido  
MEA-Sulfosuccinate**

Oleoyl Monoisopropanolamide Disodium  
Sulfosuccinate  
Soleterge 8 (Hodag)

**DISODIUM MONOLEAMIDO-  
SULFOSUCCINATE**

*RD Number:* 977056-69-1

*Definition:* Disodium Monooleamidossulfosuccinate is the disodium salt of the monooleyl amide of sulfosuccinic acid. It conforms generally to the formula:



*Information Sources:* CTFA

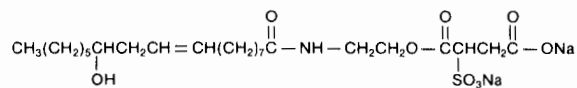
*Other Names:*

Emcol 4161L (Witco)  
Standapol SH-100 (Henkel)  
Standapol SH-135 Special (Henkel)

**DISODIUM MONORICINOLEAMIDO  
MEA-SULFOSUCCINATE**

*RD Number:* 977060-63-1

*Definition:* Disodium Monoricinoleamido MEA-Sulfosuccinate is a disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms to the formula:



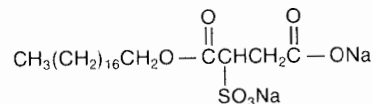
*Other Names:*

Disodium Ricinoleyl Monoethanolamide  
Sulfosuccinate  
Rewoderm S-1333 (Rewo)

**DISODIUM MONOSTEARYL  
SULFOSUCCINATE**

*CAS Number:* 26446-37-7

*Definition:* Disodium Monostearyl Sulfosuccinate is the disodium salt of a stearyl alcohol half ester of sulfosuccinic acid. It conforms to the formula:



*Information Sources:* 21CFR121.2571

*Other Names:*

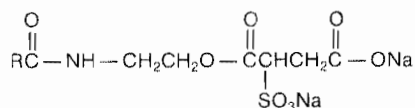
Aerosol 18 (American Cyanamid)

**DISODIUM MONOTALLAMIDO  
MEA-SULFOSUCCINATE**

*RD Number:* 977069-22-9

**Disodium Monotallamido  
MEA-Sulfosuccinate (Cont.)**

**Definition:** Disodium Monotallamido MEA-Sulfosuccinate is a disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms generally to the formula:



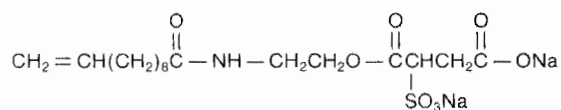
where  $\overset{\text{O}}{\parallel}{\text{RC}}-$  is the tall oil acid radical.

**Other Names:**  
Product E-413 (American Cyanamid)

**DISODIUM MONOUNDECYLENAMIDO  
MEA-SULFOSUCCINATE**

**RD Number:** 977060-64-2

**Definition:** Disodium Monoundecylenamido MEA-Sulfosuccinate is the disodium salt of a substituted ethanolamide half ester of sulfosuccinic acid. It conforms to the formula:



**Information Sources:** CTFA

**Other Names:**  
Disodium Undecylenoyl Monoethanolamide Sulfosuccinate  
Rewocid SBU 185 (Rewo)  
Steinazid SBU 185 (Rewo)

**DISODIUM PHOSPHATE**

**CAS Number:** 7782-85-6

**Definition:** Disodium Phosphate is the inorganic salt that conforms to the formula:



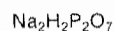
**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DDR, EGY, EP, FCC, FIN, IND, ITA, MAR, MI, PF, PJ, PN, POR, ROM, USP, USSR, YUG, 21CFR121.101, 21CFR121.1088, 21CFR121.2005, 21CFR121.2514

**Other Names:**  
Disodium Orthophosphate  
Sodium Phosphate, Dibasic

**DISODIUM PYROPHOSPHATE**

**CAS Number:** 7758-16-9

**Definition:** Disodium Pyrophosphate is the inorganic salt that conforms generally to the formula:



**Information Sources:** FCC, MI

**Other Names:**  
Disodium Dihydrogen Pyrophosphate

**Disperse Red 1**

SAPP  
Sodium Acid Pyrophosphate

**DISOYAMINE**

**RD Number:** 977064-26-8

**Definition:** Disoyamine is a secondary aliphatic amine derived from Soya Acid (q.v.). It conforms generally to the formula:



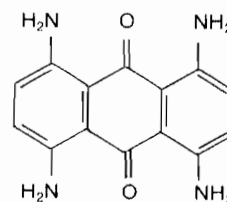
where R represents the soya radical.

**Other Names:**  
Armeen 2S (Armak)

**DISPERSE BLUE 1**

**CAS Number:** 2475-45-8

**Definition:** Disperse Blue 1 is classed chemically as an anthraquinone color. It conforms to the formula:



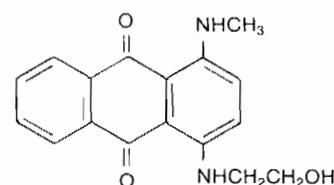
**Information Sources:** CI 64500

**Other Names:**  
Artisil Blue SAP Conc (Sandoz)  
Celliton Blue BB Supra (GAF)  
Celliton Blue GA EX (GAF)  
1,4,5,8-Tetraaminoanthraquinone

**DISPERSE BLUE 3**

**CAS Number:** 2475-46-9

**Definition:** Disperse Blue 3 is classed chemically as an anthraquinone color. It conforms to the formula:



**Information Sources:** CI 61505

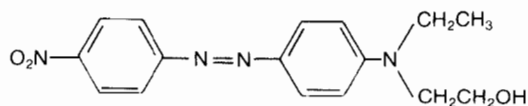
**Other Names:**  
Artisil Blue BSG (Sandoz)

**DISPERSE RED 1**

**CAS Number:** 2872-52-8

**Definition:** Disperse Red 1 is classed chemically as a monoazo color. It conforms to the formula:

## Disperse Red 1 (Cont.)



Information Sources: CI 11110

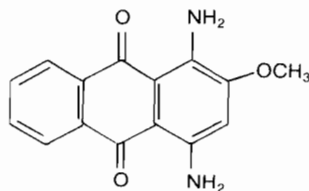
Other Names:

Artisil Scarlet GP Conc (Sandoz)

## DISPERSE RED 11

CAS Number: 2872-48-2

Definition: Disperse Red 11 is classed chemically as an anthraquinone color. It conforms to the formula:



Information Sources: CI 62015

Other Names:

Solvent Violet 26

## DISPERSE RED 17

CAS Number: 3179-89-3

Definition: Disperse Red 17 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

Information Sources: CI 11210

Other Names:

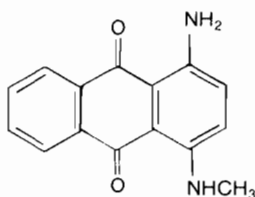
Artisil Red R Conc (Sandoz)

Celliton Red GGA EX Conc (GAF)

## DISPERSE VIOLET 4

CAS Number: 1220-94-6

Definition: Disperse Violet 4 is classed chemically as an anthraquinone color. It conforms to the formula:



Information Sources: CI 61105

Other Names:

Artisil Direct Violet BP (Sandoz)

Celliton Violet 6BA (GAF)

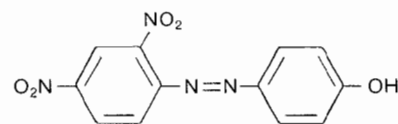
Solvent Violet 12

## DISPERSE YELLOW 1

CAS Number: 119-15-3

## Di-TEA-Palmitoyl Aspartate

Definition: Disperse Yellow 1 is classed chemically as a monoazo color. It conforms to the formula:



Information Sources: CI 10345

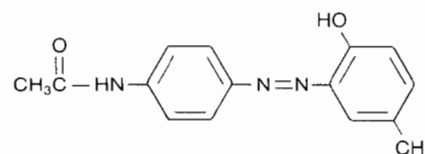
Other Names:

Celliton Yellow RRA (GAF)

## DISPERSE YELLOW 3

CAS Number: 2832-40-8

Definition: Disperse Yellow 3 is classed chemically as a monoazo color. It conforms to the formula:



Information Sources: CI 11855

Other Names:

Artisil Yellow G (Sandoz)

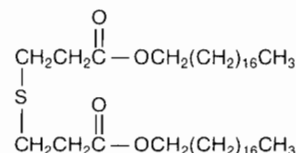
Intrasperse Yellow GBA Extra

(Crompton & Knowles)

## DISTEARYL THIODIPROPIONATE

CAS Number: 693-36-7

Definition: Distearyl Thiodipropionate is the diester of stearyl alcohol and 3,3'-Thiodipropionic Acid (q.v.). It conforms to the formula:

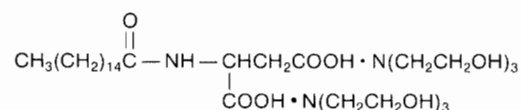


Information Sources: MAR, 21CFR121.2005, 21CFR121.2514, 21CFR121.2520

## DI-TEA-PALMITOYL ASPARTATE

RD Number: 977064-58-6

Definition: Di-TEA-Palmitoyl Aspartate is the triethanolamine salt of the palmitic amide of aspartic acid. It conforms to the formula:



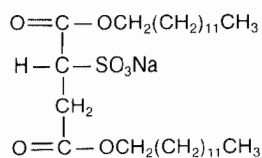
Other Names:

Pat-30 (Katsura)

**DITRIDECYL SODIUM SULFOSUCCINATE**

CAS Number: 2673-22-5

**Definition:** Ditridecyl Sodium Sulfosuccinate is the sodium salt of the diester of Tridecyl Alcohol (q.v.) and sulfosuccinic acid. It conforms to the formula:



**Information Sources:** 21CFR121.2520,  
21CFR121.2571

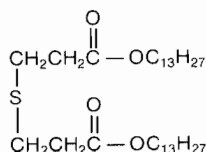
**Other Names:**

Aerosol TR-70 (*American Cyanamid*)

**DITRIDECYL THIODIPROPIONATE**

CAS Number: 10595-72-9

**Definition:** Ditridecyl Thiodipropionate is the diester of Tridecyl Alcohol (q.v.) and 3,3'-Thiodipropionic Acid (q.v.). It conforms generally to the formula:



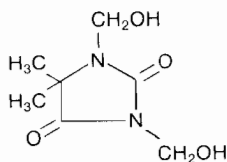
**Other Names:**

Di(Tridecyl) Thiodipropionate

**DMDM HYDANTOIN**

RD Number: 977056-70-4

**Definition:** DMDM Hydantoin is the organic compound that conforms to the formula:



**Other Names:**

Dantoin DMDMH-55 (*Glyco*)

1,3-Dimethylol-5,5-Dimethyl Hydantoin

**DMHF**

RD Number: 977056-71-5

**Definition:** DMHF is the resin formed by heating MDM Hydantoin (q.v.).

**Other Names:**

Dantoin DMHF (*Glyco*)

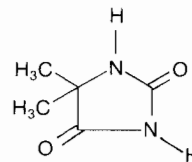
Dantoin DMHF-75 (*Glyco*)

Dimethyl Hydantoin Formaldehyde Resin

**DM HYDANTOIN**

RD Number: 977056-72-6

**Definition:** DM Hydantoin is the organic compound that conforms to the formula:



**Other Names:**

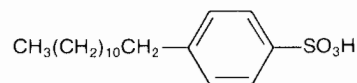
Dantoin DMH (*Glyco*)

5,5-Dimethyl Hydantoin

**DODECYLBENZENE SULFONIC ACID**

CAS Number: 27176-87-0

**Definition:** Dodecylbenzene Sulfonic Acid is the substituted aromatic acid that conforms generally to the formula:



**Information Sources:** 21CFR121.2519

**Other Names:**

Bio Soft S-100 (*Stapan*)

Carsosulf UL-100 (*Carson*)

Conco AAS-98 (*Continental Chemical*)

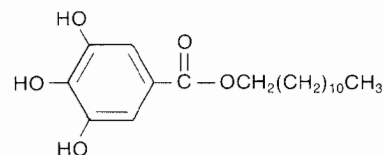
Richonic Acid B (*Richardson*)

Sulframmin 1298 Sulfonic Acid (*Witco*)

**DODECYL GALLATE**

CAS Number: 1166-52-5

**Definition:** Dodecyl Gallate is the ester of gallic acid that conforms to the formula:

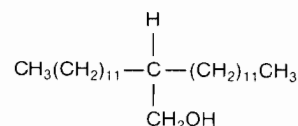


**Information Sources:** BP, BPC, MAR

**2-DODECYL TETRADECANOL**

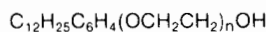
RD Number: 977056-73-7

**Definition:** 2-Dodecyl Tetradecanol is the aliphatic alcohol that conforms to the formula:

**DODOXYNOL-5**

RD Number: 977064-27-9

**Definition:** Dodoxynol-5 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 5.

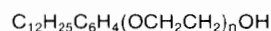
**Other Names:**

PEG-5 Dodecyl Phenyl Ether  
Polyethylene Glycol (5) Dodecyl Phenyl Ether  
Polyoxyethylene (5) Dodecyl Phenyl Ether  
T-DET DD-5 (*Thompson-Hayward*)

**DODOXYNOL-6**

RD Number: 977064-28-0

**Definition:** Dodoxynol-6 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 6.

**Information Sources:** CTFA

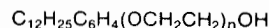
**Other Names:**

PEG-6 Dodecyl Phenyl Ether  
Polyethylene Glycol 300 Dodecyl Phenyl Ether  
Polyoxyethylene (6) Dodecyl Phenyl Ether  
Tergitol 12-P-6 (*Union Carbide*)

**DODOXYNOL-7**

RD Number: 977064-29-1

**Definition:** Dodoxynol-7 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 7.

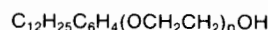
**Other Names:**

PEG-7 Dodecyl Phenyl Ether  
Polyethylene Glycol (7) Dodecyl Phenyl Ether  
Polyoxyethylene (7) Dodecyl Phenyl Ether  
T-DET DD-7 (*Thompson-Hayward*)

**DODOXYNOL-9**

RD Number: 977064-30-4

**Definition:** Dodoxynol-9 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 9.

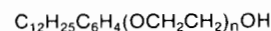
**Other Names:**

PEG-9 Dodecyl Phenyl Ether  
Polyethylene Glycol 450 Dodecyl Phenyl Ether  
Polyoxyethylene (9) Dodecyl Phenyl Ether  
Tergitol 12-P-9 (*Union Carbide*)

**DODOXYNOL-12**

RD Number: 977064-31-5

**Definition:** Dodoxynol-12 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 12.

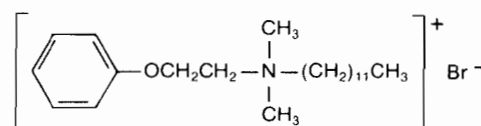
**Other Names:**

PEG-12 Dodecyl Phenyl Ether  
Polyethylene Glycol 600 Dodecyl Phenyl Ether  
Polyoxyethylene (12) Dodecyl Phenyl Ether  
Tergitol 12-P-12 (*Union Carbide*)

**DOMIPHEN BROMIDE**

CAS Number: 538-71-6

**Definition:** Domiphen Bromide is the quaternary ammonium salt that conforms to the formula:



**Information Sources:** CTFA, BP, BPC, MAR, MI, USAN, USD

**Other Names:**

Dodecyldimethyl (2-Phenoxyethyl) Ammonium Bromide  
Fungitex R (*Ciba-Geigy*)

**DRIED EGG YOLK**

RD Number: 977064-32-6

**Definition:** Dried Egg Yolk is the product obtained by the dehydration of the yolk of chicken eggs.

**Information Sources:** 21CFR42.60

**Other Names:**

Egg Yolk Solids Type Y-1 (*Henningson*)

**DROSERA**

RD Number: 977000-93-3

**Definition:** Drosera is a plant material obtained from the flowering plant *Drosera rotundifolia*.

**Information Sources:** AUS, BEL, MAR, MI, NED, PF

**DROSERA EXTRACT**

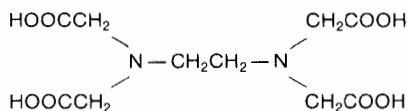
RD Number: 977064-33-7

**Definition:** Drosera Extract is an extract derived from the flowering plant *Drosera rotundifolia*.

**EDTA**

CAS Number: 60-00-4

Definition: EDTA is the substituted amine that conforms to the formula:



Information Sources: CTFA, MAR, MI, NF, ROM, 21CFR121.2526

**Other Names:**

Cheelox BF Acid (GAF)  
Edetic Acid  
Ethylene Diamine Tetra Acetic Acid  
Hamp-Ene Acid (Hampshire)  
Perma Kleer Acid (Onyx)  
Questex 4H (Stauffer)  
Sequestrene AA (Ciba-Geigy)  
Versene (Dow)

**EGG**

RD Number: 977009-67-8

Definition: Egg is the entire content of chicken eggs.

**Other Names:**

Whole Fresh Eggs

**EGG OIL**

CAS Number: MX8001-17-0

Definition: Egg Oil is the oil obtained by extraction of the yolks of fresh chicken eggs.

Information Sources: CTFA, MI

**Other Names:**

EmCon E (Fanning)

**EGG POWDER**

RD Number: 977054-46-8

Definition: Egg Powder is a powder obtained from the dried whole chicken egg.

Information Sources: CTFA, 21CFR42.30

**Other Names:**

Egg (Whole) Powder  
Egg Solids (Whole Powder)  
Sol-U-Tein E (Fanning)

Spray Dried Whole Egg Solids Type W-1  
(Henningson)  
Whole Dried Egg

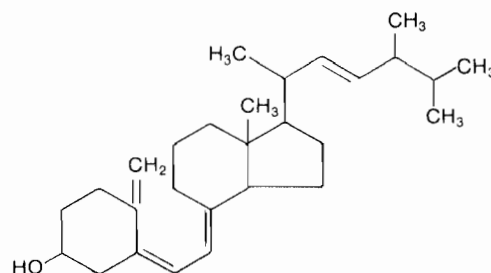
**ENGLISH OAK EXTRACT**

Definition: English Oak Extract is an extract of the bark of *Quercus robur*.

**ERGOCALCIFEROL**

CAS Number: 1406-16-2

Definition: Ergocalciferol is the vitamin that conforms to the formula:



Information Sources: ARG, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, IND, ITA, MAR, MI, NFJ, PJ, PN, POL, POR, ROM, USD, USP, YUG, 21CFR121.101

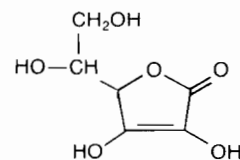
**Other Names:**

Viosterol  
Vitamin D  
Vitamin D<sub>2</sub>

**ERYTHORBIC ACID**

CAS Number: 89-65-6

Definition: Erythorbic Acid is an isomer of ascorbic acid with one twentieth of the vitamin C activity of L-ascorbic acid. It conforms to the formula:



Information Sources: FCC, MAR, MI, 21CFR121.101, 21CFR121.2520

**Other Names:**

Isoascorbic Acid  
Neo-Cebicure (Merck)



## Escin

### ESCIN

CAS Number: 6805-41-0

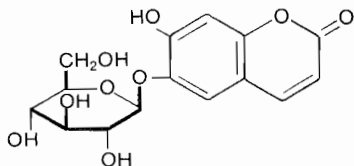
*Definition:* Escin is a saponin occurring in the seed of the horse chestnut tree, *Aesculus hippocastanum*.

*Information Sources:* MI

### ESCULIN

CAS Number: 531-75-9

*Definition:* Esculin is a glucoside compound originally obtained from the leaves and bark of the horse chestnut tree, *Aesculus hippocastanum*. It conforms to the formula:



*Information Sources:* MAR, MI

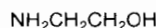
*Other Names:*

Compound 1665 (Penick)  
Esculoside

### ETHANOLAMINE

CAS Number: 141-43-5

*Definition:* Ethanolamine is the monoamine that conforms to the formula:



*Information Sources:* CTFA, AUS, BPC, EGY, IND, KOR, MAR, MI, NF, 21CFR121.2519, 21CFR121.2520, 21CFR121.2534

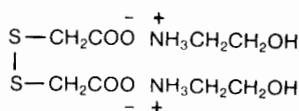
*Other Names:*

2-Aminoethanol  
Monoethanolamine

### ETHANOLAMINE DITHIODIGLYCOLATE

RD Number: 977056-74-8

*Definition:* Ethanolamine Dithiodiglycolate is the organic salt that conforms to the formula:



*Other Names:*

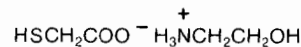
Monoethanolamine Dithiodiglycolate

## Ethoxydiglycol

### ETHANOLAMINE THIOGLYCOLATE

CAS Number: 126-97-6

*Definition:* Ethanolamine Thioglycolate is the salt of thioglycolic acid and ethanolamine that conforms to the formula:



*Information Sources:* CTFA

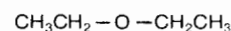
*Other Names:*

Monoethanolamine Thioglycolate

### ETHER

CAS Number: 60-29-7

*Definition:* Ether is the volatile compound conforming to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HUN, IND, KOR, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 27CFR212.79

*Other Names:*

Diethyl Ether  
Ethyl Ether

### ETHIODIZED OIL

CAS Number: MX8008-53-5

*Definition:* Ethiodized Oil is the ethyl ester of the iodinated fatty acids obtained from the oil expressed from poppy seeds.

*Information Sources:* MAR, MI, USAN, USP

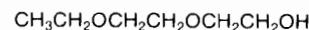
*Other Names:*

Iodorga (CEP)

### ETHOXYDIGLYCOL

CAS Number: 111-90-0

*Definition:* Ethoxydiglycol is the aliphatic ether alcohol that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, 21CFR121.2520, 21CFR121.2571

*Other Names:*

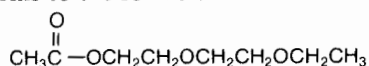
Carbitol (Union Carbide)  
Diethylene Glycol Monoethyl Ether

## Ethoxydiglycol Acetate

### ETHOXYDIGLYCOL ACETATE

CAS Number: 629-38-9

**Definition:** Ethoxydiglycol Acetate is the ester of Ethoxydiglycol (q.v.) and acetic acid that conforms to the formula:



**Information Sources:** 21CFR121.2520

**Other Names:**

Carbitol Acetate (*Union Carbide*)  
Diethylene Glycol Monoethyl Ether  
Acetate

### ETHOXYETHANOL

CAS Number: 629-14-1

**Definition:** Ethoxyethanol is the aliphatic ether alcohol that conforms to the formula:



**Information Sources:** CTFA, MAR, MI,  
21CFR121.2520, 21CFR121.2562

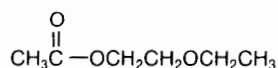
**Other Names:**

Cellosolve (*Union Carbide*)  
Dowanol EE (*Dow*)  
Ethylene Glycol Monoethyl Ether  
Oxitol Glycol Ether (*Shell*)

### ETHOXYETHANOL ACETATE

CAS Number: 111-15-9

**Definition:** Ethoxyethanol Acetate is the ester of Ethoxyethanol (q.v.) and acetic acid that conforms to the formula:



**Information Sources:** CTFA, MI, 21CFR121.2520

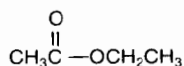
**Other Names:**

Cellosolve Acetate (*Union Carbide*)  
Ethylene Glycol Monoethyl Ether Acetylated

### ETHYL ACETATE

CAS Number: 141-78-6

**Definition:** Ethyl Acetate is the ester of ethyl alcohol and acetic acid. It conforms to the formula:



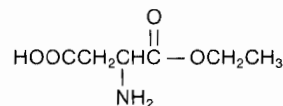
**Information Sources:** CZE, FCC, MAR, MI, NF,  
YUG, 21CFR121.101, 21CFR121.2507,  
21CFR121.2569, 21CFR212.78

## Ethyl Diisopropylcinnamate

### ETHYL ASPARTATE

CAS Number: 21860-85-5

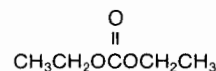
**Definition:** Ethyl Aspartate is the ester of ethyl alcohol and aspartic acid. It conforms to the formula:



### ETHYL CARBONATE

CAS Number: 105-58-8

**Definition:** Ethyl Carbonate is the diethyl ester of carbonic acid. It conforms to the formula:



**Information Sources:** MI

**Other Names:**

Diethyl Carbonate

### ETHYLCELLULOSE

CAS Number: PM9004-57-3

**Definition:** Ethylcellulose is the ethyl ether of cellulose prepared from the reaction of alkali cellulose with ethyl chloride.

**Information Sources:** FCC, KOR, MAR, MI, NF,  
21CFR121.101, 21CFR121.230, 21CFR121.1087,  
21CFR121.2514

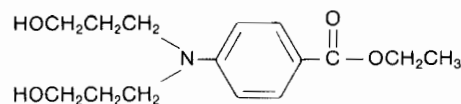
**Other Names:**

Cellulose Ethyl Ether  
Ethocel (*Dow*)

### ETHYL DIHYDROXYPROPYL PABA

RD Number: 977064-61-1

**Definition:** Ethyl Dihydroxypropyl PABA is the ester of ethyl alcohol and p-dihydroxypropyl aminobenzoic acid. It conforms to the formula:



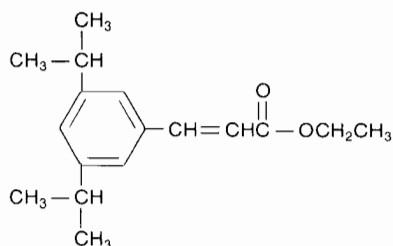
**Other Names:**

Amerscreen P (*Amerchol*)  
Ethyl Dihydroxypropyl p-Aminobenzoate

### ETHYL DIISOPROPYLCINNAMATE

RD Number: 977064-62-2

**Definition:** Ethyl Diisopropylcinnamate is the ester of ethyl alcohol and diisopropylcinnamic acid. It conforms to the formula:

**ETHYLENE/ACRYLATE COPOLYMER**

RD Number: 977064-63-3

**Definition:** Ethylene/Acrylate Copolymer is the polymer of ethylene and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

**Information Sources:** 21CFR121.2526, 21CFR121.2564

**Other Names:**  
A-C Copolymer #540 (Allied)

**ETHYLENE DICHLORIDE**

CAS Number: 107-06-2

**Definition:** Ethylene Dichloride is the halogenated aliphatic hydrocarbon that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.298, 21CFR121.1040, 21CFR121.2520

**Other Names:**  
1,2-Dichloroethane

**ETHYLENE/MALEIC ANHYDRIDE COPOLYMER**

RD Number: 977056-76-0

**Definition:** Ethylene/Maleic Anhydride Copolymer is a polymer synthesized from ethylene and maleic anhydride monomers.

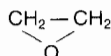
**Information Sources:** 21CFR121.2520

**Other Names:**  
EMA-91 (Monsanto)

**ETHYLENE OXIDE**

CAS Number: 75-21-8

**Definition:** Ethylene Oxide is the aliphatic oxide that conforms to the formula:

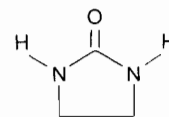


**Information Sources:** MAR, MI, 21CFR121.2571, 21CFR123.200

**ETHYLENE UREA**

CAS Number: 120-93-4

**Definition:** Ethylene Urea is the heterocyclic compound that conforms to the formula:



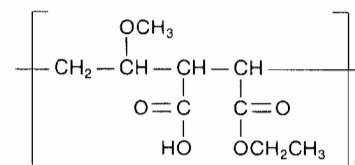
**Information Sources:** MI

**Other Names:**  
2-Imidazolidinone  
2-Imidazolidone

**ETHYL ESTER OF PVM/MA COPOLYMER**

RD Number: 977056-77-1

**Definition:** Ethyl Ester of PVM/MA Copolymer is a polymer consisting of the partial ethyl ester of the polycarboxylic resin formed from vinyl methyl ether and maleic anhydride. It conforms generally to the formula:

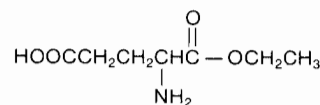


**Other Names:**  
Gantrez ES 225 (GAF)

**ETHYL GLUTAMATE**

RD Number: 977064-35-9

**Definition:** Ethyl Glutamate is the ester of ethyl alcohol and glutamic acid. It conforms to the formula:

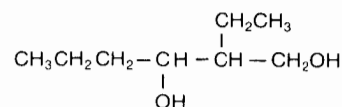


**Information Sources:** MI

**ETHYL HEXANEDIOL**

CAS Number: 94-96-2

**Definition:** Ethyl Hexanediol is the aliphatic alcohol that conforms to the formula:



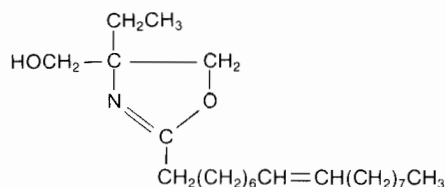
Information Sources: MAR, MI, USD, USP XVIII

**Other Names:**

Ethohexadiol  
2-Ethyl-1,3-Hexanediol  
Octylene Glycol

### ETHYL HYDROXYMETHYL OLEYL OXAZOLINE

**Definition:** Ethyl Hydroxymethyl Oleyl Oxazoline is the substituted heterocyclic compound that conforms generally to the formula:



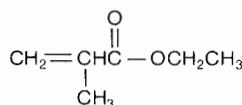
**Other Names:**

Alkaterge E (Commercial Solvents)

### ETHYL METHACRYLATE

CAS Number: 97-63-2

**Definition:** Ethyl Methacrylate is the ester of ethyl alcohol and methacrylic acid. It conforms to the formula:



Information Sources: 21CFR121.2526,  
21CFR121.2591

### ETHYL MORRHUATE

RD Number: 977064-37-1

**Definition:** Ethyl Morrhuate is the ester of ethyl alcohol and Cod Liver Oil (q.v.).

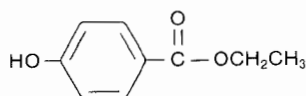
**Other Names:**

Cod Liver Oil Acid, Ethyl Ester  
Liponate EM (Lipo)

### ETHYL PARABEN

CAS Number: 120-47-8

**Definition:** Ethylparaben is the ester of ethyl alcohol and p-hydroxybenzoic acid. It conforms to the formula:



Information Sources: MAR, MI, USP,  
21CFR121.2520

**Other Names:**

Betacide E (Beta)  
Ethyl Parasept (Tenneco)  
Ethyl p-Hydroxy Benzoate  
Nipagin A (Nipa)  
Protaben E (Protameen)  
Tegosept E (Inolex)

### ETHYL PERSATE

RD Number: 977064-38-2

**Definition:** Ethyl Persate is the ethyl ester of the fatty acids derived from either apricot kernel oil or peach kernel oil.

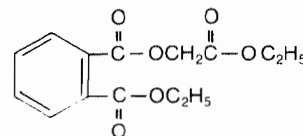
**Other Names:**

Persic Oil Acid, Ethyl Ester

### ETHYL PHTHALYL ETHYL GLYCOLATE

CAS Number: 84-72-0

**Definition:** Ethyl Phthalyl Ethyl Glycolate is the aromatic ester that conforms to the formula:

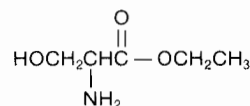


Information Sources: CTFA, 21CFR121.2005,  
21CFR121.2520, 21CFR121.2569

### ETHYL SERINATE

RD Number: 977064-36-0

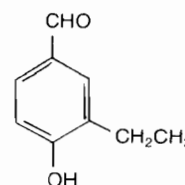
**Definition:** Ethyl Serinate is the ester of ethyl alcohol and serine. It conforms to the formula:



### ETHYL VANILLIN

CAS Number: 121-32-4

**Definition:** Ethyl Vanillin is the substituted phenolic that conforms to the formula:



Information Sources: FCC, MAR, MI, NF, USD,  
21CFR121.101

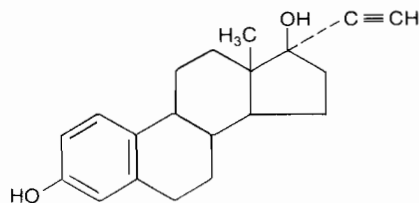
## Other Names:

3-Ethoxy-4-Hydroxybenzaldehyde

**ETHYNYLESTRADIOL**

CAS Number: 57-63-6

Definition: Ethynylestradiol is the steroid that conforms to the formula:

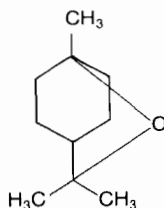


Information Sources: MI, USD

**EUCALYPTOL**

CAS Number: 470-82-6

Definition: Eucalyptol is the organic compound that conforms to the formula:



It is the chief component of Eucalyptus Oil (q.v.).

Information Sources: ARG, BPC, BRA, EGY, ITA, MAR, MEX, MI, NED, PF, POR, 21CFR121.1164

## Other Names:

Cajeputol  
Cineole**EUCALYPTUS EXTRACT**

RD Number: 977064-65-5

Definition: Eucalyptus Extract is the extract of the fresh leaves of *Eucalyptus globulus* and other species of *Eucalyptus*.

Information Sources: HP, 21CFR121.1163

**EUCALYPTUS OIL**

CAS Number: MX8000-48-4

Definition: Eucalyptus Oil is the volatile oil obtained from the fresh leaves of *Eucalyptus globulus* and other species of *Eucalyptus*.

Information Sources: ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MI, NED, NF, PF, POL, POR, ROM, USD, USSR, YUG, 21CFR121.1163

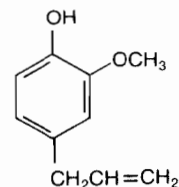
## Other Names:

Oil of Eucalyptus

**EUGENOL**

CAS Number: 97-53-0

Definition: Eugenol is the substituted phenolic that conforms to the formula:



Information Sources: BP, BPC, DDR, FCC, FIN, KOR, MAR, MI, PN, USD, USP, 21CFR121.101, 21CFR121.2535

## Other Names:

Allylguaiacol

**EUPHRASIA**

RD Number: 977001-04-9

Definition: Euphrasia is a natural plant material derived from the plant *Euphrasia officinalis*.

Information Sources: HP

## Other Names:

Eyebright Herbs

**EUPHRASIA EXTRACT**

RD Number: 977059-74-7

Definition: Euphrasia Extract is an extract derived from the plant *Euphrasia officinalis*.

Information Sources: HP

**EVERLASTING EXTRACT**

RD Number: 977064-66-6

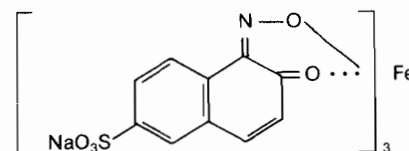
Definition: Everlasting Extract is an extract derived from the flowering plant *Helichrysum italicum* and related species.

Information Sources: HP

**EXT. D & C GREEN NO. 1**

CAS Number: 10401-67-9

Definition: Ext. D & C Green No. 1 is a color classed chemically as a nitroso color. It conforms to the formula:



### Ext. D & C Green No. 1 (Cont.)

The name Ext. D & C Green No. 1 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Green 1.

*Information Sources:* CI 10020, JC, M3, 21CFR8.501, 21CFR9.400

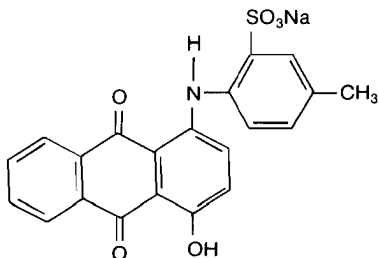
#### *Other Names:*

Ext. D & C Green #1 K-7104  
(Kohnstamm)  
K-7104 Ext. D & C Green #1  
(Kohnstamm)

### EXT. D & C VIOLET NO. 2

*CAS Number:* 4430-18-6

*Definition:* Ext. D & C Violet No. 2 is a color classed chemically as an anthraquinone color. It conforms to the formula:



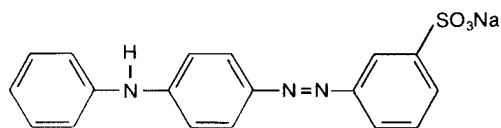
The name Ext. D & C Violet No. 2 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Violet 43.

*Information Sources:* CI 60730, JC, 21CFR8.501, 21CFR9.411

### EXT. D & C YELLOW NO. 1

*CAS Number:* 587-98-4

*Definition:* Ext. D & C Yellow No. 1 is a color classed chemically as a monoazo color. It conforms to the formula:



The name Ext. D & C Yellow No. 1 can be used only when applied to batches of color that have been certified according to United States

### Ext. D & C Yellow No. 7 Aluminum Lake

certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 36.

*Information Sources:* CI 13065, JC, M3, 21CFR8.501, 21CFR9.301

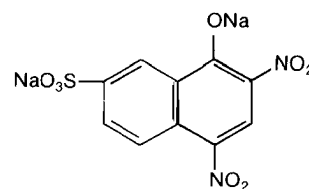
#### *Other Names:*

Ext. D & C Yellow #1 K-7018  
(Kohnstamm)  
K-7018 Ext. D & C Yellow #1  
(Kohnstamm)

### EXT. D & C YELLOW NO. 7

*CAS Number:* 846-70-8

*Definition:* Ext. D & C Yellow No. 7 is a color classed chemically as a nitro color. It conforms to the formula:



The name Ext. D & C Yellow No. 7 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 1.

*Information Sources:* CI 10316, JC, M3, 21CFR8.501, 21CFR9.307

#### *Other Names:*

Ext. D & C Yellow #7 K-7164  
(Kohnstamm)  
FD & C Yellow No. 1 (Formerly)  
K-7164 Ext. D & C Yellow #7  
(Kohnstamm)

### EXT. D & C YELLOW NO. 7 ALUMINUM LAKE

*RD Number:* 977058-76-6

*Definition:* Ext. D & C Yellow No. 7 Aluminum Lake is an insoluble pigment composed of the aluminum salt of Ext. D & C Yellow No. 7 extended on an appropriate substrate in compliance with 21CFR9.440.

*Information Sources:* 21CFR8.501

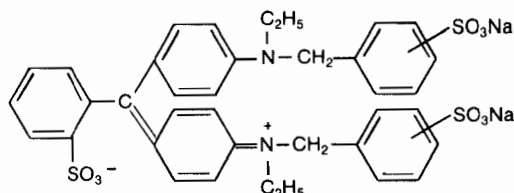
#### *Other Names:*

Ext. D & C Yellow #7 Aluminum Lake K-6298  
(Kohnstamm)  
K-6298 Ext. D & C Yellow #7 Aluminum Lake  
(Kohnstamm)

**FD & C BLUE NO. 1**

CAS Number: 2650-18-2

*Definition:* FD & C Blue No. 1 is a color classed chemically as a triphenylmethane color. It conforms to the formula:



The ammonium salt of this color is D & C Blue No. 4. The name FD & C Blue No. 1 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Blue 9.

*Information Sources:* CI 42090, JC, M3, 21CFR8.206, 21CFR8.501, 21CFR8.4021

**FD & C BLUE NO. 1 ALUMINUM LAKE**

RD Number: 977054-05-9

*Definition:* FD & C Blue No. 1 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Blue No. 1 extended on an alumina substrate in compliance with 21CFR9.100.

*Information Sources:* CI 42090:2, 21CFR8.501

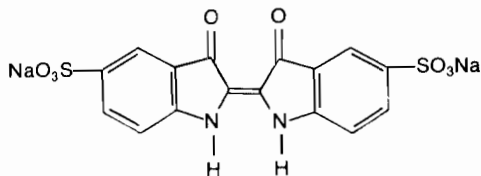
*Other Names:*

Atlas Lakolene B-3016 (*Kohnstamm*)  
B-3016 Atlas Lakolene (*Kohnstamm*)  
B-3347 Hi Dye Lakolene (*Kohnstamm*)  
Hi Dye Lakolene B-3347 (*Kohnstamm*)

**FD & C BLUE NO. 2**

CAS Number: 860-22-0

*Definition:* FD & C Blue No. 2 is a color classed chemically as an indigoid color. It conforms to the formula:



The name FD & C Blue No. 2 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Blue 74.

*Information Sources:* BP, BPC, CI 73015, DDR, EGY, EEC E132, IND, JC, M3, MAR, MI, NED, PJ, SWE, 21CFR8.501, 21CFR8.4022

**FD & C BLUE NO. 2 ALUMINUM LAKE**

CAS Number: 12227-85-9

*Definition:* FD & C Blue No. 2 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Blue No. 2 extended on an alumina substrate in compliance with 21CFR9.100.

*Information Sources:* 21CFR8.501

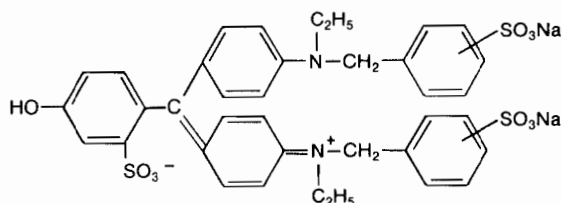
*Other Names:*

Atlas Lakolene B-3017 (*Kohnstamm*)  
B-3017 Atlas Lakolene (*Kohnstamm*)

**FD & C GREEN NO. 3**

CAS Number: 2353-49-5

*Definition:* FD & C Green No. 3 is a color classed chemically as a triphenylmethane color. It conforms to the formula:



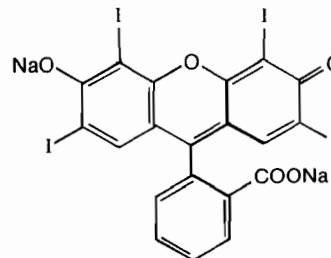
The name FD & C Green No. 3 can be used only when applied to batches of color that have been certified according to United States certification regulations.

*Information Sources:* CI 42053, JC, SWE, 21CFR8.501, 21CFR9.23

**FD & C RED NO. 3**

CAS Number: 568-63-8

*Definition:* FD & C Red No. 3 is a color classed chemically as a xanthene color. It conforms to the formula:



### FD & C Red No. 3 (Cont.)

The name FD & C Red No. 3 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Red 51.

*Information Sources:* CI 45430, EEC E127, JC, M3, MI, SWE, 21CFR8.242, 21CFR8.501, 21CFR8.4102

### FD & C RED NO. 3 ALUMINUM LAKE

*CAS Number:* 12227-78-0

*Definition:* FD & C Red No. 3 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Red No. 3 extended on an alumina substrate in compliance with 21CFR9.100.

*Information Sources:* CI 45430:1, 21CFR8.501

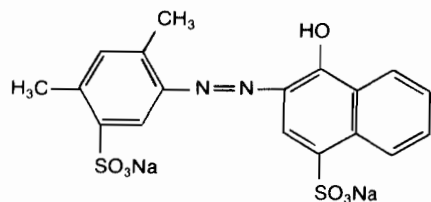
*Other Names:*

Atlas Lakolene B-3012 (*Kohnstamm*)  
B-3012 Atlas Lakolene (*Kohnstamm*)  
B-3349 Hi Dye Lakolene (*Kohnstamm*)  
Hi Dye Lakolene B-3349 (*Kohnstamm*)

### FD & C RED NO. 4

*CAS Number:* 4548-53-2

*Definition:* FD & C Red No. 4 is a color classed chemically as a monoazo color. It conforms to the formula:



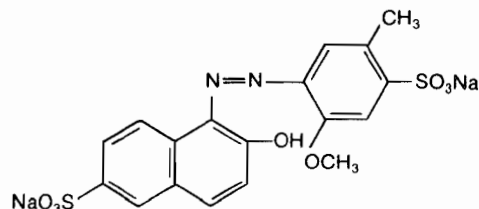
The name FD & C Red No. 4 can be used only when applied to batches of color that have been certified according to United States certification regulations.

*Information Sources:* CI 14700, JC, M3, 21CFR8.501, 21CFR8.502, 21CFR8.503, 21CFR8.510, 21CFR9.63

### FD & C RED NO. 40

*CAS Number:* 25956-17-6

*Definition:* FD & C Red No. 40 is a color classed chemically as a monoazo color. It conforms to the formula:



### FD & C Yellow No. 6

The name FD & C Red No. 40 can be used only when applied to batches of color that have been certified according to United States certification regulations.

*Information Sources:* CI 16035, 21CFR8.244, 21CFR8.4104, 21CFR8.7201

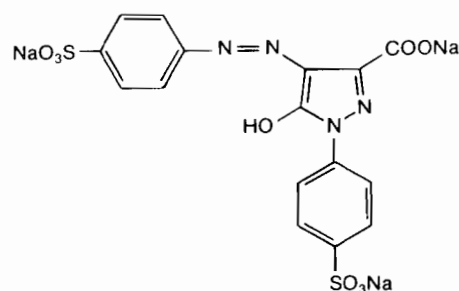
*Other Names:*

Allura Red AC (*Allied*)

### FD & C YELLOW NO. 5

*CAS Number:* 1934-21-0

*Definition:* FD & C Yellow No. 5 is a color classed chemically as a pyrazole color. It conforms to the formula:



The name FD & C Yellow No. 5 can be used only when applied to batches of color that have been certified according to United States certification regulations. The CTFA Adopted Name for non-certified batches of this color is Acid Yellow 23.

*Information Sources:* CI 19140, EEC E102, JC, M3, MAR, MI, SWE, 21CFR8.275, 21CFR8.501, 21CFR8.4175

### FD & C YELLOW NO. 5 ALUMINUM LAKE

*CAS Number:* 12227-69-9

*Definition:* FD & C Yellow No. 5 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Yellow No. 5 extended on an alumina substrate in compliance with 21CFR9.100.

*Information Sources:* CI 19140:1, 21CFR8.501

*Other Names:*

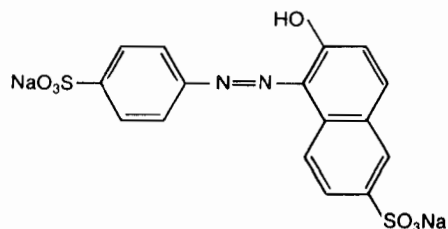
Atlas Lakolene B-3014 (*Kohnstamm*)  
B-3014 Atlas Lakolene (*Kohnstamm*)  
B-3397 Hi Dye Lakolene (*Kohnstamm*)  
Hi Dye Lakolene B-3397 (*Kohnstamm*)

### FD & C YELLOW NO. 6

*CAS Number:* 2783-94-0

*Definition:* FD & C Yellow No. 6 is a color classed chemically as a monoazo color. It conforms to the formula:





The name FD & C Yellow No. 6 can be used only when applied to batches of color that have been certified according to United States certification regulations.

*Information Sources:* CI 15985, EEC E110, JC, M3, SWE, 21CFR8.501, 21CFR9.41

### FD & C YELLOW NO. 6 ALUMINUM LAKE

*CAS Number:* 12227-60-0

*Definition:* FD & C Yellow No. 6 Aluminum Lake is an insoluble pigment composed of the aluminum salt of FD & C Yellow No. 6 extended on an alumina substrate in compliance with 21CFR9.100.

*Information Sources:* CI 15985:1, 21CFR8.501

*Other Names:*

Atlas Lakolene B-3015 (*Kohnstamm*)  
B-3015 Atlas Lakolene (*Kohnstamm*)  
B-3398 Hi Dye Lakolene (*Kohnstamm*)  
Hi Dye Lakolene B-3398 (*Kohnstamm*)

### FENNEL

*RD Number:* 977001-13-0

*Definition:* Fennel is the dried ripe fruit of cultivated varieties of *Foeniculum vulgare*.

*Information Sources:* ARG, AUS, BEL, DA, DDR, EGY, FI, FIN, HUN, IND, MAR, MI, PN, POL, ROM, 21CFR121.101

*Other Names:*

Foeniculum

### FENNEL EXTRACT

*RD Number:* 977024-97-7

*Definition:* Fennel Extract is an extract of the fruit of *Foeniculum vulgare*.

*Information Sources:* 21CFR121.101

*Other Names:*

Foeniculum Extract

### FENUGREEK EXTRACT

*RD Number:* 977064-67-7

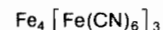
*Definition:* Fenugreek Extract is an extract derived from the plant *Trigonella foenum-graecum*.

*Information Sources:* MI, 21CFR121.101

### FERRIC FERROCYANIDE

*RD Number:* 977060-91-5

*Definition:* Ferric Ferrocyanide is the inorganic salt that conforms to the formula:



*Information Sources:* CI 77510, CI 77520, M3, MI, 21CFR8.501

*Other Names:*

C-Blau 17 (*Germany*)  
C-1769 Cosmetic Iron Blue (*Kohnstamm*)  
Cosmetic Ferric Blue C38-002 (*Sun*)  
Cosmetic Iron Blue C-1769 (*Kohnstamm*)  
C38-002 Cosmetic Ferric Blue (*Sun*)  
Germany: C-Blau 17  
Pigment Blue 27  
Prussian Blue  
Pur Oxy Blue 3591 (*Thomasset*)  
3591 Pur Oxy Blue (*Thomasset*)

### FISH GLYCERIDES

*Definition:* Fish Glycerides is a mixture of the mono, di and triglycerides expressed or extracted from menhaden, hake or similar oil-bearing fish.

### FLEXIBLE COLLODION

*CAS Number:* MX8050-70-2

*Definition:* Flexible Collodion is a mixture of Collodion (q.v.), camphor and castor oil.

*Information Sources:* BP, DDR, IND, MEX, MI, USP

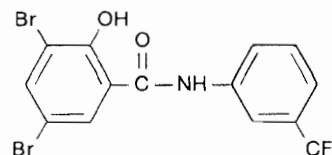
*Other Names:*

Collodion, Flexible

### FLUOROSALAN

*CAS Number:* 4776-06-1

*Definition:* Fluorosalan is the halogenated salicylanilide that conforms to the formula:



*Information Sources:* MI, USAN

*Other Names:*

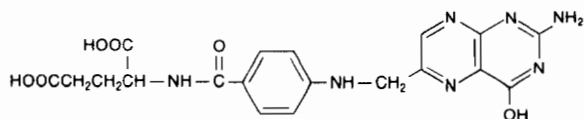
Fluorophene (*Pfister*)

## Folic Acid

### FOLIC ACID

CAS Number: 59-30-3

*Definition:* Folic Acid is the organic compound that conforms to the formula:



*Information Sources:* AUS, BP, BPC, BRA, CZE, DA, EGY, IND, ITA, MAR, MEX, MI, NFJ, PJ, PN, POR, USD, USP, WHO, 21CFR121.1134

### FORMALDEHYDE

CAS Number: 50-00-0

*Definition:* Formaldehyde is a volatile aldehyde that conforms to the formula:



*Information Sources:* CTFA, BP, BPC, DA, HUN, IND, ITA, MAR, MI, PJ, USD, USP, WHO, 21CFR121.1099, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2534, 21CFR121.2535, 21CFR121.2557, 21CFR121.2571, 21CFR121.2587

*Other Names:*  
Formalin  
Methanal

## Furfural

### FORMIC ACID

CAS Number: 64-18-6

*Definition:* Formic Acid is an organic acid that conforms to the formula:



*Information Sources:* AUS, DA, DDR, FCC, HP, MAR, MI, NED, 21CFR121.219, 21CFR121.1164

### FULLERS EARTH

CAS Number: MX8031-18-3

*Definition:* Fullers Earth is a non-plastic variety of kaolin containing an aluminum magnesium silicate.

*Information Sources:* MAR, MI

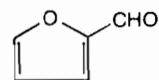
*Other Names:*

BC (*Salomon & Bro.*)  
English Fullers Earth  
YB-20 (*Salomon & Bro.*)

### FURFURAL

CAS Number: 98-01-1

*Definition:* Furfural is the cyclic aldehyde that conforms to the formula:



*Information Sources:* FCC, MI, 21CFR121.2520

**GELATIN**

CAS Number: PM9000-70-8

*Definition:* Gelatin is a product obtained by the partial hydrolysis of collagen derived from the skin, white connective tissue and bones of animals.

*Information Sources:* ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FI, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POL, POR, ROM, USD, USP, YUG, 21CFR121.101

*Other Names:*

Gelatin BB U.S. Edible (*US Gelatin*)  
Gelatin Velvatex  
Gelatine

**GENTIAN**

RD Number: 977001-33-4

*Definition:* Gentian is the dried rhizome and roots of *Gentiana lutea*.

*Information Sources:* ARG, AUS, BEL, BP, BPC, BRA, CZE, DDR, EGY, EP, FIN, HP, HUN, ITA, MAR, MI, PF, PJ, PN, POL, POR, ROM, USD, YUG, 21CFR121.1163

*Other Names:*

Bitter Root

**GENTIAN EXTRACT**

*Definition:* Gentian Extract is an extract of the rhizomes and roots of various species of *Gentiana*.

*Information Sources:* ARG, AUS, BEL, BRA, EGY, FIN, HP, ITA, MAR, PF, PN, POL, POR, YUG

*Other Names:*

Gentian Root Extract

**GINSENG**

RD Number: 977054-06-0

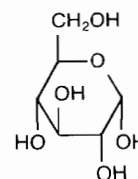
*Definition:* Ginseng is the dried root of the perennial herb *Panax ginseng* or *Panax quinquefolium* or related *Araliaceae*.

*Information Sources:* HP, MAR, MI, NFJ

**GLUCOSE**

CAS Number: 50-99-7

*Definition:* Glucose is a sugar that is usually obtained by the hydrolysis of starch. It conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HUN, IND, ITA, KOR, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG

*Other Names:*

Dextrose

**GLUCOSE GLUTAMATE**

RD Number: 977056-78-2

*Definition:* Glucose Glutamate is the ester of glucose and glutamic acid.

*Information Sources:* CTFA

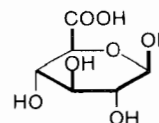
*Other Names:*

Wickenol 543 (*Wickhen*)  
Wickenol 545 (*Wickhen*)

**GLUCURONIC ACID**

CAS Number: 576-37-4

*Definition:* Glucuronic Acid is the carbohydrate that conforms to the formula:

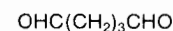


*Information Sources:* MI

**GLUTARAL**

CAS Number: 111-30-8

*Definition:* Glutaral is the dialdehyde that conforms to the formula:



*Information Sources:* 21CFR121.2520

*Other Names:*

Glutaraldehyde  
Glutaric Dialdehyde

## Glycereth-26

### GLYCERETH-26

RD Number: 977054-72-0

**Definition:** Glycereth-26 is the polyethylene glycol ether of Glycerin (q.v.) with an average ethoxylation value of 26.

**Information Sources:** CTFA

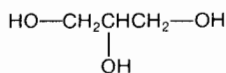
**Other Names:**

Ethospense G-26 (*Glyco*)  
Liponic EG-1 (*Lipo*)  
PEG-26 Glyceryl Ether  
Polyethylene Glycol (26) Glyceryl Ether  
Polyoxyethylene (26) Glyceryl Ether

### GLYCERIN

CAS Number: 56-81-5

**Definition:** Glycerin is the polyhydric alcohol that conforms generally to the formula:



**Information Sources:** CTFA, ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, NED, PF, PJ, PN, POR, ROM, SNPF, USD, USP, WHO, YUG, 21CFR121.101, 21CFR121.2514

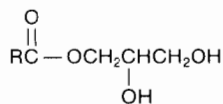
**Other Names:**

Glycerine  
Glycerol  
Moon (*Procter & Gamble*)  
Star (*Procter & Gamble*)  
Superol (*Procter & Gamble*)

### GLYCERYL COCOATE

RD Number: 977056-79-3

**Definition:** Glyceryl Cocoate is the monoester of glycerin and coconut fatty acids. It conforms generally to the formula:



where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the coconut radical.

**Information Sources:** 21CFR121.2535

**Other Names:**

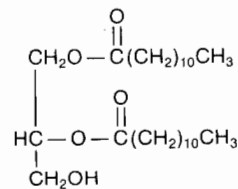
Aldo MC (*Glyco*)  
Drewmulse CNO (*PVO*)  
Drewmulse 75 (*PVO*)  
Glycerol Mono Coconut Oil  
Glyceryl Coconate  
Glyceryl Monococoate

## Glyceryl Hydroxystearate

### GLYCERYL DILAURATE

RD Number: 977056-80-6

**Definition:** Glyceryl Dilaurate is the diester of glycerin and lauric acid. It conforms generally to the formula:

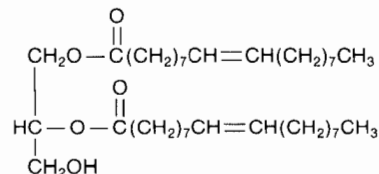


**Other Names:**  
Dilaurin

### GLYCERYL DIOLEATE

RD Number: 977064-69-9

**Definition:** Glyceryl Dioleate is the diester of glycerin and oleic acid. It conforms generally to the formula:

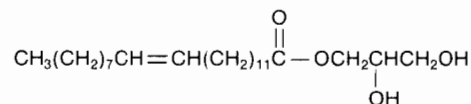


**Other Names:**  
Kessco Glycerol Dioleate (*Armak*)

### GLYCERYL ERUCATE

RD Number: 977056-81-7

**Definition:** Glyceryl Erucate is the monoester of glycerin and erucic acid. It conforms generally to the formula:

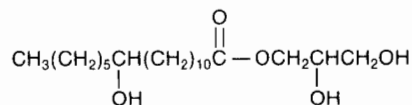


**Other Names:**  
Glyceryl Monoerucate

### GLYCERYL HYDROXYSTEARATE

RD Number: 977064-70-2

**Definition:** Glyceryl Hydroxystearate is the monoester of glycerin and Hydroxystearic Acid (q.v.). It conforms generally to the formula:



## Glyceryl Hydroxystearate (Cont.)

*Information Sources:* 21CFR121.2520,  
21CFR121.2526, 21CFR121.2535,  
21CFR121.2550, 21CFR121.2557

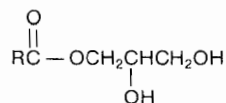
*Other Names:*

Paricin 13 (*NL Industries*)  
Softigen 701 (*Dynamit-Nobel*)

## GLYCERYL ISOSTEARATE

*RD Number:* 977064-41-7

*Definition:* Glyceryl Isostearate is the monoester of glycerin and Isostearic Acid (q.v.). It conforms generally to the formula:



where  $\text{RC}-$  represents the isostearyl radical.

*Other Names:*

Emerest 2410 (*Malmstrom*)  
Emulsifier 780 (*Dynamit Nobel*)  
Glyceryl Monoisostearate

## GLYCERYL LANOLATE

*RD Number:* 977067-98-3

*Definition:* Glyceryl Lanolate is the monoester of glycerin and Lanolin Acid (q.v.).

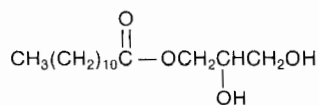
*Other Names:*

Glyceryl Monolanolate

## GLYCERYL LAURATE

*CAS Number:* 1322-88-9

*Definition:* Glyceryl Laurate is the monoester of glycerin and lauric acid. It conforms generally to the formula:



*Other Names:*

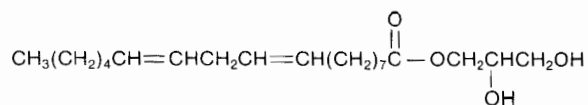
Aldo MLD (*Glyco*)  
Glyceryl Monolaurate  
Kessco Glycerol Monolaurate (*Armak*)  
Kessco X-675 (*Armak*)  
Kessco 675 (*Armak*)  
Protachem MLD (*Protameen*)

## GLYCERYL LINOLEATE

*RD Number:* 977056-82-8

*Definition:* Glyceryl Linoleate is the monoester of glycerin and linoleic acid. It conforms generally to the formula:

## Glyceryl Oleate SE



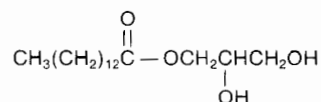
*Other Names:*

Glyceryl Monolinoleate  
Monolinolein

## GLYCERYL MYRISTATE

*RD Number:* 977056-83-9

*Definition:* Glyceryl Myristate is the monoester of glycerin and myristic acid. It conforms generally to the formula:



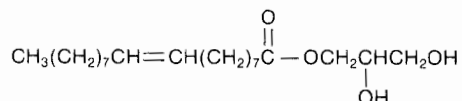
*Other Names:*

Glyceryl Monomyristate  
Monomyristin

## GLYCERYL OLEATE

*CAS Number:* 111-03-5

*Definition:* Glyceryl Oleate is the monoester of glycerin and oleic acid. It conforms generally to the formula:



*Information Sources:* CTFA, PN, 21CFR121.1164,  
21CFR121.2005, 21CFR121.2514,  
21CFR121.2569

*Other Names:*

Aldo HMO (*Glyco*)  
Aldo MO (*Glyco*)  
Atmos 300 (*ICI United States*)  
Drewmulse GMO (*PVO*)  
Emerest 2421 (*Malmstrom*)  
Estol 211 (*Price's*)  
Glyceryl Monooleate  
Hodag GMO (*Hodag*)  
Kessco Glycerol Monooleate (*Armak*)  
Kessco GMO-F (*Armak*)  
Monoolein

## GLYCERYL OLEATE SE

*RD Number:* 977064-71-3

*Definition:* Glyceryl Oleate SE is a self-emulsifying grade of Glyceryl Oleate (q.v.) that contains some sodium and/or potassium oleate.

*Other Names:*

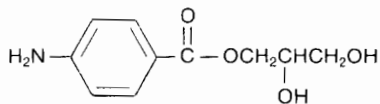
Aldo MOD (*Glyco*)

## Glyceryl PABA

### GLYCERYL PABA

CAS Number: 136-44-7

**Definition:** Glyceryl PABA is the ester of glycerin and p-aminobenzoic acid. It conforms to the formula:



**Information Sources:** CTFA, MAR, MI

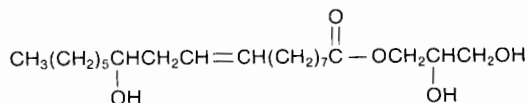
**Other Names:**

Escalol 106 (*Van Dyk*)  
Glyceryl Paraaminobenzoate

### GLYCERYL RICINOLEATE

CAS Number: 141-08-2

**Definition:** Glyceryl Ricinoleate is the monoester of glycerin and ricinoleic acid. It conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2526

**Other Names:**

Aldo MR (*Glyco*)  
Flexricin 13 (*NL Industries*)  
Glyceryl Monoricinoleate  
Monoricinolein

### GLYCERYL SESQUIOLEATE

RD Number: 977056-84-0

**Definition:** Glyceryl Sesquioleate is a mixed ester of glycerin and oleic acid with a molar ratio of 2/3.

### GLYCERYL STARCH

**Definition:** Glyceryl Starch is a partially crosslinked Corn Starch (q.v.).

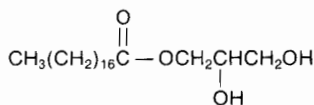
**Other Names:**

Vulca 90 (*National Starch*)

### GLYCERYL STEARATE

CAS Number: 31566-31-1

**Definition:** Glyceryl Stearate is the monoester of glycerin and stearic acid. It conforms generally to the formula:



## Glyceryl Stearate SE

**Information Sources:** CTFA, DA, DDR, FCC, HUN, KOR, MAR, MI, NF, SNPF, USD, 21CFR121.101, 21CFR121.2514, 21CFR121.2557

**Other Names:**

Abracol S.L.G. (*Bush Boake Allen*)  
Aldo HMS (*Glyco*)  
Aldo MS (*Glyco*)  
Aldo MSA (*Glyco*)  
Aldo MSLG (*Glyco*)  
Atmos 150 (*ICI United States*)  
Atmul 84 (*ICI United States*)  
Atmul 124 (*ICI United States*)  
Cerasynt SD (*Van Dyk*)  
Cerasynt 1000-D (*Van Dyk*)  
Cyclochem GMS (*Cyclo*)  
Drewmulse TP (*PVO*)  
Drewmulse V (*PVO*)  
Emerest 2400 (*Malmstrom*)  
Emerest 2401 (*Malmstrom*)  
Estol 603 (*Price's*)  
Glyceryl Monostearate  
Grocor 5500 (*Gross, A.*)  
Grocor 6000 (*Gross, A.*)  
Hodag GMS (*Hodag*)  
Imwitor 191 (*Dynamit-Nobel*)  
Imwitor 900K (*Dynamit-Nobel*)  
Kessco GDA-X386F (*Armak*)  
Kessco Glycerol Monostearate DH-1 (*Armak*)  
Kessco Glycerol Monostearate Pure (*Armak*)  
Kessco Glycerol Monostearate 860 (*Armak*)  
Kessco GMS-177-F (*Armak*)  
Kessco GMS-861 (*Armak*)  
Kessco GMS-X-63-F (*Armak*)  
Kessco GMS-X-222-F (*Armak*)  
Kessco GMS-X-365 (*Armak*)  
Kessco GMS-X-537 (*Armak*)  
Kessco GMS-3325 (*Armak*)  
Lipo GMS 410 (*Lipo*)  
Lipo GMS 450 (*Lipo*)  
Lipo GMS 600 (*Lipo*)  
Monostearin  
Ogeen GRB (*Ogo*)  
Ogeen M (*Ogo*)  
Ogeen MAV (*Ogo*)  
Ogeen 515 (*Ogo*)  
Protachem GMS (*Protachem*)  
Starfol GMS 450 (*Ashland*)  
Starfol GMS 600 (*Ashland*)  
Starfol GMS 900 (*Ashland*)  
Tegin 55G (*Inolex*)  
Tegin 503 (*Inolex*)  
Tegin 515 (*Inolex*)  
Unimate GMS (*Union Camp*)  
Witconol MS (*Witco*)  
Witconol MST (*Witco*)

### GLYCERYL STEARATE SE

RD Number: 977053-96-5

**Definition:** Glyceryl Stearate SE is a self-emulsifying grade of Glyceryl Stearate (q.v.) that contains some sodium and/or potassium stearate.

Information Sources: CTFA, BPC, MAR

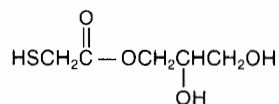
Other Names:

Abracol G.M.S. (Bush Boake Allen)  
 Aldo MSD (Glyco)  
 Cerasynt Q (Van Dyk)  
 Cerasynt SE (Van Dyk)  
 Cyclochem GMS/SE (Clyco)  
 Drewmulse V-SE (PVO)  
 Emerest 2407 (Malmstrom)  
 Estol 606 (Price's)  
 Grocor 6000 SE (Gross, A.)  
 Imwitor 960 (Dynamit-Nobel)  
 Kessco GML 54 SF (Armak)  
 Kessco GMS-T (Armak)  
 Kessco GMS-24SE (Armak)  
 Kessco GMS-866 (Armak)  
 Lipo GMS 470 (Lipo)  
 Ogeen (Ogo)  
 Ogeen Special (Ogo)  
 Tegin (Inolex)  
 Tegin 530 (Inolex)  
 Unimate GMS-E (Union Camp)  
 Witconol CA (Witco)  
 Witconol RHT (Witco)

### GLYCERYL THIOGLYCOLATE

CAS Number: 14974-53-9

Definition: Glyceryl Thioglycolate is the monoester of glycerin and Thioglycolic Acid (q.v.). It conforms generally to the formula:



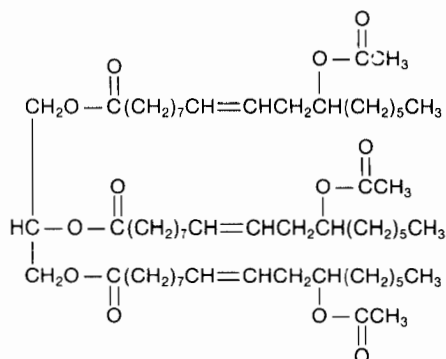
Other Names:

Glyceryl Monothioglycolate

### GLYCERYL TRIACETYL RICINOLEATE

RD Number: 977064-72-4

Definition: Glyceryl Triacetyl Ricinoleate is the triester of glycerin and acetyl ricinoleic acid. It conforms to the formula:



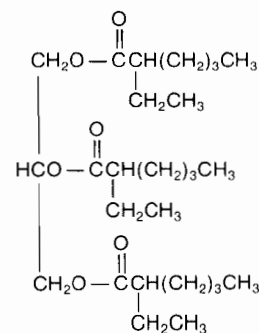
Other Names:

Flexricin P-8 (NL Industries)

### GLYCERYL TRIOCTANOATE

RD Number: 977069-23-0

Definition: Glyceryl Trioctanoate is the triester of glycerin and 2-ethylhexanoic acid. It conforms generally to the formula:



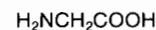
Other Names:

Ramate G-308 (Nippon Fine Chemicals)

### GLYCINE

CAS Number: 56-40-6

Definition: Glycine is the amino acid that conforms to the formula:



Information Sources: ARG, BRA, CZE, DDR, EGY, FCC, KOR, MAR, MEX, MI, NED, NFXIII, PF, PJ, ROM, USD, USP, 21CFR121.101, 21CFR121.1002, 21CFR121.1257

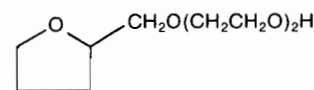
Other Names:

Aminoacetic Acid  
 Glycocoll

### GLYCOFUROL

CAS Number: PM9004-76-5

Definition: Glycofurol is the ethoxylated ether of tetrahydrofurfuryl alcohol which has an average of two moles of ethylene oxide. It conforms generally to the formula:



Information Sources: MI

Other Names:

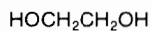
Tetrahydrofurfuryl Ethoxylate

### GLYCOL

CAS Number: 107-21-1

Definition: Glycol is the aliphatic diol that conforms to the formula:

## Glycol (Cont.)



*Information Sources:* CTFA, MAR, MI, 21CFR121.2520, 21CFR121.2522

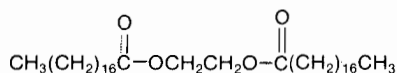
*Other Names:*

Ethylene Glycol

## GLYCOL DISTEARATE

*CAS Number:* 627-83-8

*Definition:* Glycol Distearate is the diester of ethylene glycol and stearic acid. It conforms generally to the formula:



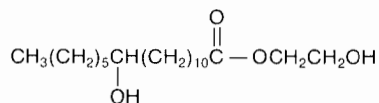
*Other Names:*

Cutina AGS (*Henkel*)  
Cyclol EGMS (*Witco/Cyclo Div.*)  
Emerest 2355 (*Malmstrom*)  
Ethylene Glycol Distearate  
Genapol PMS (*American Hoechst*)  
Glycoldistearat 90 (*Ogo*)  
Kessco Ethylene Glycol Distearate (*Armak*)  
Pearl Luster Agent MS (*American Hoechst*)  
Pearlescening Agent MS (*American Hoechst*)  
Pegosperse 50 DS (*Glyco*)  
Starfol EGDS (*Ashland*)  
Tegester EGDS (*Inolex*)

## GLYCOL HYDROXYSTEARATE

*CAS Number:* 33907-46-9

*Definition:* Glycol Hydroxystearate is the ester of ethylene glycol and Hydroxystearic Acid (q.v.). It conforms to the formula:



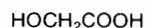
*Other Names:*

Paricin 15 (*NL Industries*)

## GLYCOLIC ACID

*CAS Number:* 79-14-1

*Definition:* Glycolic Acid is the organic acid that conforms to the formula:



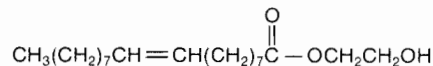
*Information Sources:* CTFA, MI

## Glycol Stearate

## GLYCOL OLEATE

*CAS Number:* 4500-01-0

*Definition:* Glycol Oleate is the ester of ethylene glycol and oleic acid. It conforms to the formula:



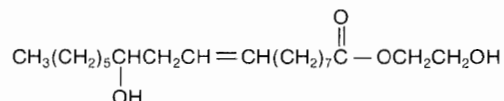
*Other Names:*

Ethylene Glycol Monooleate

## GLYCOL RICINOLEATE

*CAS Number:* 106-17-2

*Definition:* Glycol Ricinoleate is the ester of ethylene glycol and ricinoleic acid. It conforms to the formula:



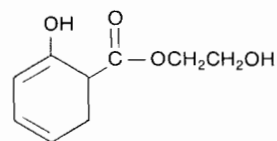
*Other Names:*

Flexricin 15 (*NL Industries*)

## GLYCOL SALICYLATE

*CAS Number:* 87-28-5

*Definition:* Glycol Salicylate is the aromatic ester corresponding to the formula:



*Information Sources:* MAR, MI

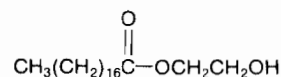
*Other Names:*

Glycol Monosalicylate

## GLYCOL STEARATE

*CAS Number:* 111-60-4

*Definition:* Glycol Stearate is the ester of ethylene glycol and stearic acid. It conforms generally to the formula:



*Information Sources:* CTFA, MAR



**Other Names:**

Cerasynt M (*Van Dyk*)  
 Clindrol SEG (*Clintwood*)  
 Cyclochem EGMS (*Cyclo*)  
 Dragil 2/027011 (*Dragoco*)  
 Emerest 2350 (*Malmsstrom*)  
 Ethylene Glycol Monostearate  
 Grocor 5220 (*Gross, A.*)  
 Hodag EGMS (*Hodag*)  
 Kessco Ethylene Glycol Monostearate  
 (*Armak*)  
 Pegospere 50 MS (*Glyco*)  
 Protachem EGMS (*Protameen*)  
 Starfol EGMS (*Ashland*)

**GLYCOL STEARATE SE**

RD Number: 977064-73-5

**Definition:** Glycol Stearate SE is a self-emulsifying grade of Glycol Stearate (q.v.) that contains some sodium and/or potassium stearate.

**Information Sources:** CTFA

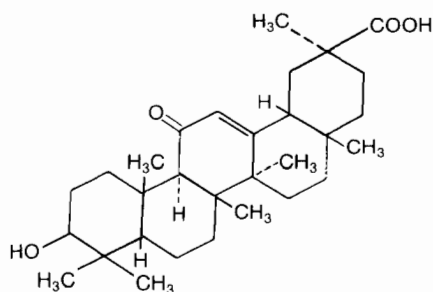
**Other Names:**

Cerasynt MN (*Van Dyk*)  
 Cyclochem EGMS/SE (*Cyclo*)  
 Cyclochem EM 324 (*Cyclo*)

**GLYCYRRHETINIC ACID**

CAS Number: 471-53-4

**Definition:** Glycyrrhetic Acid is the organic compound derived from glycyrrhizic acid or shredded licorice roots. It conforms generally to the formula:



**Information Sources:** MI

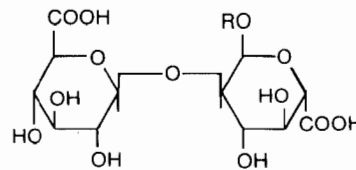
**Other Names:**

Glycyrrhetic Acid

**GLYCYRRHIZIC ACID**

CAS Number: 1405-86-3

**Definition:** Glycyrrhizic Acid is a natural material extracted from *Glycyrrhiza glabra*. It conforms generally to the formula:



where R represents glycyrrhetic acid (q.v.).

**Information Sources:** MI

**Other Names:**

Glycyrrhizin  
 Glycyrrhizic Acid

**GLYOXAL**

CAS Number: 107-22-2

**Definition:** Glyoxal is the aliphatic dialdehyde that conforms to the formula:



**Information Sources:** MI, 21CFR121.2520, 21CFR121.2526, 21CFR121.2571

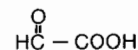
**Other Names:**

Biformyl  
 Oxalaldehyde

**GLYOXYLIC ACID**

CAS Number: 298-12-4

**Definition:** Glyoxylic Acid is the organic acid that conforms to the formula:



**Information Sources:** MI

**GRAPE JUICE**

RD Number: 977064-74-6

**Definition:** Grape Juice is the liquid expressed from fresh grapes.

**GRAPE SEED OIL**

CAS Number: MX8024-22-4

**Definition:** Grape Seed Oil is the fixed oil obtained by pressing grape seeds.

**Other Names:**

Codan Refined Grape Seed Oil (*Danco*)

**GRAPHITE**

CAS Number: 7782-42-5

**Definition:** Graphite is a mineral powder consisting essentially of carbon.

**Information Sources:** CTFA, CI 77265, HP, MI, 21CFR8.501

## Graphite (Cont.)

### Other Names:

Cosmetic Black C47-4547 (Sun)  
C47-4547 Cosmetic Black (Sun)

## GRINDELIA

RD Number: 977001-47-0

**Definition:** Grindelia is a natural material derived from the dried leaves and flowering tops of *Grindelia camporum* or *Grindelia humilis*.

**Information Sources:** BEL, BRA, HP, MAR, MI, PF, POR

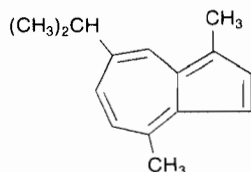
### Other Names:

Fluid Grindelia

## GUAIAZULENE

CAS Number: 489-84-9

**Definition:** Guaiazulene is the organic compound that conforms to the formula:



**Information Sources:** MI

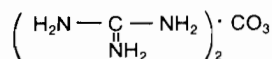
### Other Names:

Azulene Dragoco 2/912980 (*Dragoco*)

## GUANIDINE CARBONATE

RD Number: 977056-85-1

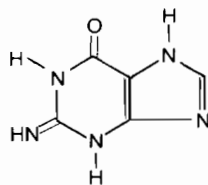
**Definition:** Guanidine Carbonate is the organic compound that conforms to the formula:



## GUANINE

CAS Number: 73-40-5

**Definition:** Guanine is a natural purine that conforms to the formula:



## Gutta Percha

**Information Sources:** CTFA, CI 75170, MI, 21CFR8.501

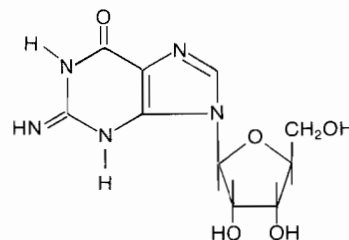
### Other Names:

Natural Pearl Essence  
Natural White I  
Pearl Essence

## GUANOSINE

CAS Number: 118-00-3

**Definition:** Guanosine is the organic compound that conforms to the formula:



**Information Sources:** MI

## GUAR GUM

CAS Number: PM9000-30-0

**Definition:** Guar Gum is a natural material derived from the ground endosperms of *Cyamopsis tetragonolobus*.

**Information Sources:** FCC, IND, MAR, MI, NF, 21CFR121.101

### Other Names:

Burtonite V7E (*Burtonite*)  
Jaguar Gum A-20-D (*Stein Hall*)  
Jaguar Gum #124 (*Stein Hall*)  
Jaguar Plus (*Stein Hall*)  
Supercol U Powder (*General Mills*)

## GUTTA PERCHA

CAS Number: PM9000-32-2

**Definition:** Gutta Percha is the purified, coagulated, milky exudate of various trees of the genus *Palaguium* or *Sapotaceae*.

**Information Sources:** EGY, MAR, MI, PF, USP, YUG, 21CFR121.2550

**HAYFLOWER EXTRACT**

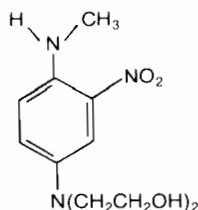
RD Number: 977062-65-9

*Definition:* Hayflower Extract is an extract of hay flowers.

**HC BLUE NO. 1**

RD Number: 977062-52-4

*Definition:* HC Blue No. 1 is the hair color that conforms to the formula:



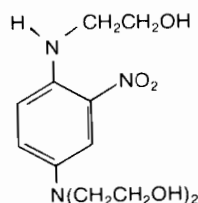
*Other Names:*

N<sup>4</sup>,N<sup>4</sup>-Bis(2-Hydroxyethyl)-N<sup>1</sup>-Methyl-2-Nitro-(p-Phenylenediamine)

**HC BLUE NO. 2**

RD Number: 977062-51-3

*Definition:* HC Blue No. 2 is the hair color that conforms to the formula:



*Other Names:*

N<sup>1</sup>,N<sup>4</sup>,N<sup>4</sup>-Tris(2-Hydroxyethyl)-2-Nitro-p-Phenylenediamine

**HC BLUE NO. 4**

RD Number: 977069-25-2

*Definition:* HC Blue No. 4 is a complex reaction product of N-methyl-1,4-diaminoanthraquinone, epichlorohydrin and monoethanolamine.

**HC BLUE NO. 5**

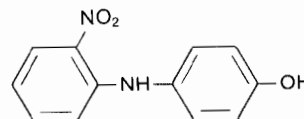
RD Number: 977069-24-1

*Definition:* HC Blue No. 5 is a complex reaction product of 2-Nitro-p-Phenylenediamine (q.v.), epichlorohydrin and diethanolamine.

**HC ORANGE NO. 1**

RD Number: 977069-89-8

*Definition:* HC Orange No. 1 is the hair color that conforms to the formula:



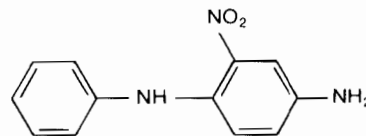
*Other Names:*

2-Nitro-4'-Hydroxydiphenylamine

**HC RED NO. 1**

RD Number: 977068-78-2

*Definition:* HC Red No. 1 is the hair color that conforms to the formula:



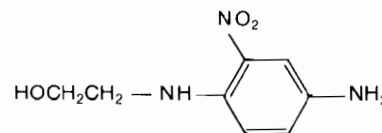
*Other Names:*

4-Amino-2-Nitrodiphenylamine

**HC RED NO. 3**

RD Number: 977062-49-9

*Definition:* HC Red No. 3 is the hair color that conforms to the formula:



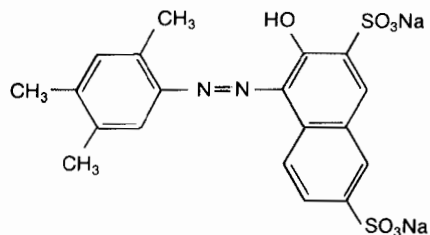
*Other Names:*

N<sup>1</sup>-(2-Hydroxyethyl)-2-Nitro-p-Phenylenediamine

**HC RED NO. 6**

CAS Number: 3564-09-8

*Definition:* HC Red No. 6 is the hair color that conforms to the formula:



Information Sources: JC, MI

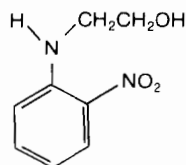
Other Names:

- Ext. D & C Red No. 15 (Formerly)
- FD & C Red No. 1 (Formerly)
- Food Red 6 (Formerly)
- Japan: Red No. 502
- Red No. 502 (Japan)

**HC YELLOW NO. 2**

RD Number: 977062-53-5

Definition: HC Yellow No. 2 is the hair color that conforms to the formula:



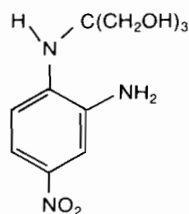
Other Names:

- N-(2-Hydroxyethyl)-2-Nitroaniline

**HC YELLOW NO. 3**

RD Number: 977062-48-8

Definition: HC Yellow No. 3 is the hair color that conforms to the formula:



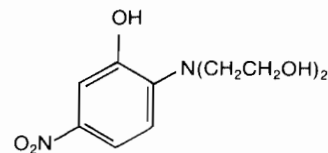
Other Names:

- N<sup>1</sup>-Tris(Hydroxymethyl)-Methyl-4-Nitro-o-Phenylenediamine

**HC YELLOW NO. 4**

RD Number: 977062-47-7

Definition: HC Yellow No. 4 is the hair color that conforms to the formula:



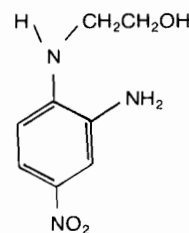
Other Names:

- N,N-Bis(2-Hydroxyethyl)-2-Amino-5-Nitrophenol

**HC YELLOW NO. 5**

RD Number: 977068-79-3

Definition: HC Yellow No. 5 is the hair color that conforms to the formula:



Other Names:

- N<sup>1</sup>-(2-Hydroxyethyl)-4-Nitro-o-Phenylenediamine

**HECTORITE**

RD Number: 977022-31-3

Definition: Hectorite is one of the montmorillonite minerals that are the principal constituent of bentonite clay.

Information Sources: CTFA, MAR, MI

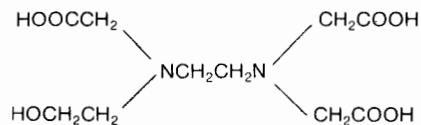
Other Names:

- Ben-A-Gel (NL Industries)
- Macaloid (NL Industries)

**HEDTA**

CAS Number: 150-39-0

Definition: HEDTA (or Hydroxyethyl Ethylenediamine Triacetic Acid) is the substituted amine that conforms to the formula:



Other Names:

- Chel DM Acid (Ciba-Geigy)
- Hydroxyethyl Ethylenediamine Triacetic Acid

**HENNA**

CAS Number: 83-72-7

## Henna (Cont.)

**Definition:** Henna is the natural material derived from the dried powdered leaves of *Lawsonia alba*.

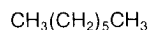
**Information Sources:** MAR, MI, 21CFR8.8002

**Other Names:**  
Henna Leaves

## HEPTANE

**CAS Number:** 142-82-5

**Definition:** Heptane is the aliphatic hydrocarbon that conforms to the formula:



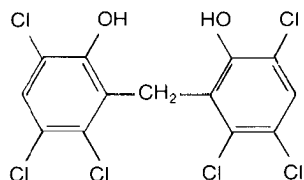
**Information Sources:** MI, 21CFR121.2520,  
21CFR121.2574

**Other Names:**  
n-Heptane

## HEXACHLOROPHENE

**CAS Number:** 70-30-4

**Definition:** Hexachlorophene is the halogenated phenolic compound that conforms to the formula:



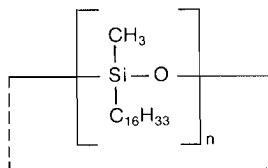
**Information Sources:** CTFA, BP, BPC, BRA, HUN,  
IND, MAR, MI, PJ, USD, USP

**Other Names:**  
Bis(3,5,6-Trichloro-2-Hydroxyphenyl)-Methane  
G-11 (*Givaudan*)  
2,2'-Methylenebis (3,4,6-Trichlorophenol)

## HEXADECYL METHICONE

**RD Number:** 977061-34-9

**Definition:** Hexadecyl Methicone is the cyclic siloxane compound that conforms to the formula:



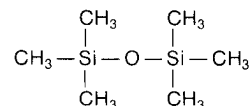
**Other Names:**  
Dow Corning F-6-7085 Wax (*Dow Corning*)  
Silicone F-6-7085 Wax (*Dow Corning*)

## HEXAMETHYLDISILOXANE

**CAS Number:** 107-46-0

## Hexyl Laurate

**Definition:** Hexamethyldisiloxane is the linear siloxane that conforms to the formula:

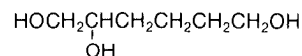


**Other Names:**  
Siloxane F-221 (*SWS Silicones*)

## 1,2,6-HEXANETRIOL

**CAS Number:** 106-69-4

**Definition:** 1,2,6-Hexanetriol is the aliphatic alcohol that conforms to the formula:



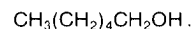
**Information Sources:** CTFA, MAR, 21CFR121.2520

**Other Names:**  
Hexane-1,2,6-Triol

## HEXYL ALCOHOL

**CAS Number:** 111-27-3

**Definition:** Hexyl Alcohol is the aliphatic alcohol that conforms to the formula:



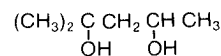
**Information Sources:** CTFA, FCC, MI,  
21CFR121.1164, 21CFR121.1238

**Other Names:**  
Alfol 6 (*Conoco*)  
n-Hexanol  
n-Hexyl Alcohol

## HEXYLENE GLYCOL

**CAS Number:** 107-41-5

**Definition:** Hexylene Glycol is the aliphatic alcohol that conforms to the formula:



**Information Sources:** CTFA, MI, 21CFR121.2519,  
21CFR121.2520, 21CFR121.2535,  
21CFR121.2550, 21CFR121.2557,  
21CFR121.2571

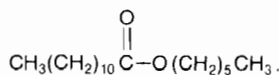
**Other Names:**  
2-Methyl-2,4-Pentanediol

## HEXYL LAURATE

**RD Number:** 977056-86-2

## Hexyl Laurate (Cont.)

**Definition:** Hexyl Laurate is the ester of hexyl alcohol and lauric acid. It conforms generally to the formula:



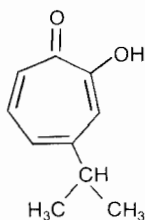
**Other Names:**

Cetiol A (Henkel)  
Standamul CTA (Henkel)

## HINOKITIOL

**CAS Number:** 499-44-5

**Definition:** Hinokitiol is the organic compound that conforms generally to the formula:



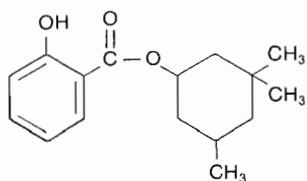
**Other Names:**

Isopropyltropolone  
 $\beta$ -Thujaplicin

## HOMOSALATE

**CAS Number:** 118-56-9

**Definition:** Homosalate is the substituted phenolic compound that conforms to the formula:



**Information Sources:** CTFA, USAN

**Other Names:**

Filtrosol A (Norda)  
Heliophan (Greeff)  
Homomenthyl Salicylate  
Metahomomenthyl Salicylate

## HONEY

**CAS Number:** MX8028-66-8

**Definition:** Honey is a saccharic secretion gathered and stored by honey bees.

**Information Sources:** CTFA, BPC, BRA, MAR, NFXII, POR, USD

## HONEYDEW MELON JUICE

**RD Number:** 977064-76-8

## Hyaluronic Acid

**Definition:** Honeydew Melon Juice is the liquid expressed from fresh honeydew melons.

## HOPS

**RD Number:** 977001-58-3

**Definition:** Hops is the dried strobiles of *Humulus lupulus* bearing their glandular trichomes.

**Information Sources:** HP, KOR, MI, 21CFR121.101

## HOPS EXTRACT

**RD Number:** 977070-67-9

**Definition:** Hops Extract is an extract derived from the plant *Humulus lupulus*.

**Information Sources:** HP, 21CFR121.101, 21CFR121.1082

## HOPS OIL

**CAS Number:** MX8007-04-3

**Definition:** Hops Oil is the volatile oil obtained from the freshly dried membranous cones of the female plants of *Humulus lupulus* or *Humulus americanus*.

**Information Sources:** FCC, MI, 21CFR121.101

## HORSE CHESTNUT EXTRACT

**Definition:** Horse Chestnut Extract is an extract derived from the tree *Aesculus hippocastanum*.

**Information Sources:** HP, MAR

## HORSE RADISH EXTRACT

**RD Number:** 977064-77-9

**Definition:** Horse Radish Extract is an extract of the roots of *Radicula rusticanus*.

**Information Sources:** 21CFR121.101

**Other Names:**

Scurvy Grass Extract

## HORSETAIL EXTRACT

**RD Number:** 977060-40-4

**Definition:** Horsetail Extract is an extract of the sterile caules of *Equisetum arvense*.

**Information Sources:** POL

## HYALURONIC ACID

**CAS Number:** PM9004-61-9

**Definition:** Hyaluronic Acid is a natural mucopolysaccharide.

**Information Sources:** MI

## Hybrid Safflower Oil

### HYBRID SAFFLOWER OIL

RD Number: 977064-78-0

*Definition:* Hybrid Safflower Oil is the oil derived from safflower seeds of a genetic strain which contains predominantly oleic acid triglyceride as distinct from Safflower Oil (q.v.).

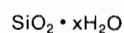
*Other Names:*

Neobee 18 (PVO)  
Oleinate 288 (PVO)  
Safflower Oil, Hybrid

### HYDRATED SILICA

CAS Number: 10279-57-9

*Definition:* Hydrated Silica is the inorganic oxide that conforms generally to the formula:



where x varies with the method of precipitation and extent of drying performed on the material.

*Information Sources:* CTFA, FCC, HP, MI, USP, 21CFR121.2507

*Other Names:*

Hi Sil 233 (PPG Industries)  
Precipitated Silica  
QUSO G30 (Philadelphia Quartz)  
QUSO G32 (Philadelphia Quartz)  
QUSO WR50 (Philadelphia Quartz)  
QUSO WR82 (Philadelphia Quartz)  
Sand  
Santocel 62 (Monsanto)  
Silica Gel  
Silica Hydrate  
Silicic Acid  
Syloid 63 (Davison)  
Syloid 72 (Davison)  
Syloid 74 (Davison)  
Syloid 244 (Davison)  
Syloid 266 (Davison)  
Zeo 49 (Huber)  
Zeofree 80 (Huber)  
Zeofree 153 (Huber)  
Zeosyl 200 (Huber)  
Zeothix 95 (Huber)  
Zeothix 106 (Huber)

### HYDROCHLORIC ACID

CAS Number: 7647-01-0

*Definition:* Hydrochloric Acid is the inorganic acid that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FI, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR121.101

## Hydrogenated Castor Oil

*Other Names:*

Muriatic Acid

### HYDROCHLOROFLUOROCARBON 22

CAS Number: 75-45-6

*Definition:* Chlorofluorocarbon 22 is the halocarbon that conforms to the formula:



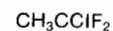
*Other Names:*

Chlorodifluoromethane  
Chlorofluorocarbon 22  
Genetron 22 (Allied)  
Propellant 22

### HYDROCHLOROFLUOROCARBON 142B

CAS Number: 75-68-3

*Definition:* Chlorofluorocarbon 142B is the halocarbon that conforms to the formula:



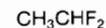
*Other Names:*

1-Chloro-1,1-difluoroethane  
Chlorofluorocarbon 142B  
Freon 142B (DuPont)  
Genetron 142B (Allied)  
Propellant 142B

### HYDROFLUOROCARBON 152A

CAS Number: 75-37-6

*Definition:* Fluorocarbon 152A is the halocarbon that conforms to the formula:



*Other Names:*

1,1-Difluoroethane  
Fluorocarbon 152A  
Genetron 152A (Allied)  
Propellant 152A

### HYDROGENATED CASTOR OIL

CAS Number: MX8001-78-3

*Definition:* Hydrogenated Castor Oil is the end product of controlled hydrogenation of Castor Oil (q.v.).

*Information Sources:* CTFA, MI, 21CFR121.2507, 21CFR121.2514, 21CFR121.2535, 21CFR121.2550, 21CFR121.2576, 21CFR121.2620

*Other Names:*

Castor Oil, Hydrogenated  
Castorwax (NL Industries)  
Hydrofol Glyceride 200 (Ashland)

## Hydrogenated Coconut Oil

### HYDROGENATED COCONUT OIL

RD Number: 977056-87-3

*Definition:* Hydrogenated Coconut Oil is the end product of controlled hydrogenation of Coconut Oil (q.v.).

*Information Sources:* 21CFR121.2535

*Other Names:*

Cobee 92 (PVO)  
Cobee 110 (PVO)  
Coconut Oil, Hydrogenated

### HYDROGENATED COTTONSEED OIL

RD Number: 977001-61-8

*Definition:* Hydrogenated Cottonseed Oil is the end product of controlled hydrogenation of Cottonseed Oil (q.v.).

*Information Sources:* CTFA, 21CFR121.2535

*Other Names:*

Cottonseed Oil, Hydrogenated  
EE Hard Fat Flakes (*Swift Edible Oils*)

### HYDROGENATED DITALLOW AMINE

RD Number: 977064-22-4

*Definition:* Hydrogenated Ditallow Amine is a secondary aliphatic amine derived from Hydrogenated Tallow Acid (q.v.). It conforms generally to the formula:



where R represents the hydrogenated tallow radical.

*Other Names:*

Armeen 2HT (*Armak*)

### HYDROGENATED HONEY

RD Number: 977064-79-1

*Definition:* Hydrogenated Honey is the end product of controlled hydrogenation of honey.

### HYDROGENATED LANETH-5

RD Number: 977064-81-5

*Definition:* Hydrogenated Laneth-5 is a polyethylene glycol derivative of Hydrogenated Lanolin Alcohol (q.v.) with an average ethoxylation level of 5 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Polyoxyethylene (5) Hydrogenated  
Lanolin Ether

## Hydrogenated Lard

### HYDROGENATED LANETH-20

RD Number: 977064-80-4

*Definition:* Hydrogenated Laneth-20 is a polyethylene glycol derivative of Hydrogenated Lanolin Alcohol (q.v.) with an average ethoxylation level of 20 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Polyoxyethylene (20) Hydrogenated  
Lanolin Ether

### HYDROGENATED LANETH-25

RD Number: 977062-60-4

*Definition:* Hydrogenated Laneth-25 is a polyethylene glycol derivative of Hydrogenated Lanolin Alcohol (q.v.) with an average ethoxylation level of 25 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Polyoxyethylene (25) Hydrogenated  
Lanolin Ether

### HYDROGENATED LANOLIN

CAS Number: MX8031-44-5

*Definition:* Hydrogenated Lanolin is the end product of controlled hydrogenation of Lanolin (q.v.).

*Information Sources:* CTFA

*Other Names:*

Fanchem HL (*Fanning*)  
Hydeps (*Westbrook Lanolin*)  
Hydrolan (*Esperis S.p.A.*)  
Hydroxyol (*Malmstrom*)  
Lanolin Hydrogenated  
Lipolan (*Lipo*)  
Satulan (*Croda*)  
Supersat (*R.I.T.A.*)

### HYDROGENATED LANOLIN ALCOHOL

RD Number: 977056-89-5

*Definition:* Hydrogenated Lanolin Alcohol is the end product of controlled hydrogenation of Lanolin Alcohol (q.v.).

*Other Names:*

Lanolin Alcohol, Hydrogenated

### HYDROGENATED LARD

RD Number: 977064-82-6

*Definition:* Hydrogenated Lard is the end product of controlled hydrogenation of Lard (q.v.).

*Other Names:*

Hydrofol Glyceride T-57-L (*Ashland*)  
Lard, Hydrogenated



## Hydrogenated Lard Glyceride

### HYDROGENATED LARD GLYCERIDE

CAS Number: MX8040-05-9

*Definition:* Hydrogenated Lard Glyceride is the end product of controlled hydrogenation of Lard Glyceride (q.v.).

*Other Names:*

Monomuls 90-15 (*Gruenau*)

### HYDROGENATED LARD GLYCERIDES

*Definition:* Hydrogenated Lard Glycerides is the end product of controlled hydrogenation of Lard Glycerides (q.v.).

*Other Names:*

Monomuls 60-15 (*Gruenau*)

### HYDROGENATED MENHADEN ACID

*Definition:* Hydrogenated Menhaden Acid is the end product of controlled hydrogenation of the fatty acids obtained from Menhaden Oil (q.v.).

*Information Sources:* 21CFR121.2535

### HYDROGENATED MENHADEN OIL

RD Number: 977064-83-7

*Definition:* Hydrogenated Menhaden Oil is the end product of controlled hydrogenation of Menhaden Oil (q.v.).

*Information Sources:* KOR, 21CFR121.101, 21CFR121.2535

*Other Names:*

Hydrofol Glycerides 50/51 (*Ashland*)  
Menhaden Oil, Hydrogenated

### HYDROGENATED PALM KERNEL OIL

RD Number: 977056-90-8

*Definition:* Hydrogenated Palm Kernel Oil is the end product of controlled hydrogenation of Palm Kernel Oil (q.v.).

*Other Names:*

Palm Kernel Oil, Hydrogenated

### HYDROGENATED PALM OIL

CAS Number: MX8033-29-2

*Definition:* Hydrogenated Palm Oil is the end product of controlled hydrogenation of Palm Oil (q.v.).

*Information Sources:* 21CFR121.2535

*Other Names:*

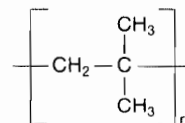
Palm Oil, Hydrogenated

## Hydrogenated Tallow Acid

### HYDROGENATED POLYISOBUTENE

RD Number: 977066-16-2

*Definition:* Hydrogenated Polyisobutene is a branched chain aliphatic hydrocarbon that conforms generally to the formula:



where n ranges from 6 to 8.

*Other Names:*

Parleam (*Nichiyu*)  
Polysynlane (*Polyesther*)

### HYDROGENATED SHARK LIVER OIL

RD Number: 977062-72-8

*Definition:* Hydrogenated Shark Liver Oil is the end product of controlled hydrogenation of Shark Liver Oil (q.v.).

*Information Sources:* 21CFR121.101, 21CFR121.2535

*Other Names:*

Shark Liver Oil, Hydrogenated

### HYDROGENATED SOYBEAN OIL

CAS Number: MX8016-70-4

*Definition:* Hydrogenated Soybean Oil is the end product of controlled hydrogenation of Soybean Oil (q.v.).

*Information Sources:* 21CFR121.101, 21CFR121.2535

*Other Names:*

Hydrofol Glyceride 150 (*Ashland*)  
Soybean Oil, Hydrogenated

### HYDROGENATED TALLOW

CAS Number: MX8030-12-4

*Definition:* Hydrogenated Tallow is the end product of controlled hydrogenation of Tallow (q.v.).

*Information Sources:* 21CFR121.101, 21CFR121.2526

*Other Names:*

Tallow, Hydrogenated

### HYDROGENATED TALLOW ACID

RD Number: 977056-91-9

*Definition:* Hydrogenated Tallow Acid is the end product of controlled hydrogenation of Tallow Acid (q.v.).

## Hydrogenated Tallow Acid (Cont.)

Information Sources: 21CFR121.2526,  
21CFR121.2535

### Other Names:

Glycon S-65 (*Glyco*)  
Hy-Phi 6001 (*Darling*)  
T-11 (*Procter & Gamble*)  
Tallow Acid, Hydrogenated

## HYDROGENATED TALLOW AMINE

RD Number: 977064-84-8

*Definition:* Hydrogenated Tallow Amine is an amine derived from hydrogenated tallow. It conforms generally to the formula:



where R represents the hydrogenated tallow radical.

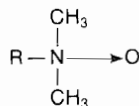
### Other Names:

Armeen HTD (*Armak*)  
Tallow Amine, Hydrogenated

## HYDROGENATED TALLOW AMINE OXIDE

RD Number: 977064-85-9

*Definition:* Hydrogenated Tallow Amine Oxide is the tertiary amine oxide that conforms generally to the formula:



where R represents the hydrogenated tallow radical.

### Other Names:

Aromox DMHT (*Armak*)

## HYDROGENATED TALLOW GLYCERIDE

*Definition:* Hydrogenated Tallow Glyceride is the end product of controlled hydrogenation of Tallow Glyceride (q.v.).

### Other Names:

Monomuls 90-25 (*Gruenau*)

## HYDROGENATED TALLOW GLYCERIDE CITRATE

*Definition:* Hydrogenated Tallow Glyceride Citrate is the citric acid ester of the monoglyceride derived from Hydrogenated Tallow (q.v.).

## Hydrogenated Vegetable Glycerides

### Other Names:

Lamegin ZE-30 (*Gruenau*)  
Lamegin ZE-60 (*Gruenau*)

## HYDROGENATED TALLOW GLYCERIDE LACTATE

*Definition:* Hydrogenated Tallow Glyceride Lactate is the lactic acid ester of the monoglyceride derived from Hydrogenated Tallow (q.v.).

### Other Names:

Lamegin GLP-10 (*Gruenau*)  
Lamegin GLP-20 (*Gruenau*)

## HYDROGENATED TALLOW GLYCERIDES

RD Number: 977056-92-0

*Definition:* Hydrogenated Tallow Glycerides is the end product of controlled hydrogenation of Tallow Glycerides (q.v.).

### Other Names:

Glycon HTG (*Glyco*)  
Monomuls 50-25 (*Gruenau*)  
Monomuls 60-25 (*Gruenau*)  
PAF 37, Palsgaard 0015 (*Palsgaard*)

## HYDROGENATED TALLOW GLYCERIDES CITRATE

*Definition:* Hydrogenated Tallow Glycerides Citrate is a citrate ester of Hydrogenated Tallow Glycerides (q.v.).

### Other Names:

Palsgaard 3325 (*Palsgaard*)

## HYDROGENATED VEGETABLE GLYCERIDE

*Definition:* Hydrogenated Vegetable Glyceride is the end product of controlled hydrogenation of vegetable monoglyceride.

### Other Names:

Myverol 18-50K (*Eastman*)

## HYDROGENATED VEGETABLE GLYCERIDES

*Definition:* Hydrogenated Vegetable Glycerides is the end product of controlled hydrogenation of a mixture of mono, di and triglycerides of vegetable origin.

### Other Names:

Glycon HVG (*Glyco*)

## HYDROGENATED VEGETABLE GLYCERIDES PHOSPHATE

*Definition:* Hydrogenated Vegetable Glycerides Phosphate is a complex mixture of esters of phosphoric acid and mono- and diglycerides derived from hydrogenated vegetable oil.

*Other Names:*

Emcol F27-85 (*Witco*)  
Emphos F27-85 (*Witco*)

## HYDROGENATED VEGETABLE OIL

*RD Number:* 977025-26-5

*Definition:* Hydrogenated Vegetable Oil is the end product of controlled hydrogenation of Vegetable Oil (q.v.).

*Information Sources:* USP

*Other Names:*

Creamtex (*Glidden-Durkee*)  
Neobee 60 (*PVO*)  
Primex BC (*Procter & Gamble*)  
Textee (*PVO*)  
Vegetable Oil, Hydrogenated  
Wecobee M (*PVO*)  
Wecobee R (*PVO*)  
Wecobee S (*PVO*)  
Wecobee SS (*PVO*)  
Wecobee W (*PVO*)

## HYDROGEN PEROXIDE

*CAS Number:* 7722-84-1

*Definition:* Hydrogen Peroxide is the inorganic oxide that conforms to the formula:



*Information Sources:* CTFA, AUS, BP, BPC, DA, EP, FCC, HUN, IND, MAR, MEX, MI, USD, USP, 21CFR121.101, 21CFR121.2520

*Other Names:*

Albone CG (*DuPont*)  
Albone 50 CG (*DuPont*)  
Becco (*FMC*)

## HYDROLYZED ANIMAL PROTEIN

*CAS Number:* PM9015-54-7

*Definition:* Hydrolyzed Animal Protein is the hydrolysate of collagen or other animal protein derived by acid, enzyme or other form of hydrolysis.

*Other Names:*

Albanil O (*Sandoz*)  
Chempro 41 CG (*Chemical Products*)  
Chempro 44 CG (*Chemical Products*)

Chempro 100 X (*Chemical Products*)  
Collagen Hydrolysate, Sodium Salt Solution  
Colloid 4V Tech. Protein  
(*Swift Edible Oils*)  
Crodyne BY 19 (*Croda*)  
Crotein HKP (*Croda*)  
Crotein SPA (*Croda*)  
Crotein SPC (*Croda*)  
Crotein SPO (*Croda*)  
Lanasan CL (*Sandoz*)  
Nutralan H (*Gruenau*)  
Nutralan I (*Gruenau*)  
Nutralan I-Powder (*Gruenau*)  
Nutralan L (*Gruenau*)  
Nutralan L-Powder (*Gruenau*)  
Polypeptide LSN (*Stepan*)  
Polypeptide SF (*Stepan*)  
Polypeptide 37 (*Stepan*)  
Polypeptide 37S (*Stepan*)  
Prochem 12K (*Protameen*)  
Prochem 44 CG (*Protameen*)  
Protein Hydrolysate from Collagen  
Protein WSP-X-250 (*Inolex*)  
Protein WSP-X-1000 (*Inolex*)  
Sol-U-Tein M (*Fanning*)

## HYDROLYZED MILK PROTEIN

*RD Number:* 977021-46-7

*Definition:* Hydrolyzed Milk Protein is the hydrolysate of milk protein (casein) derived by acid, alkaline or enzymatic hydrolysis.

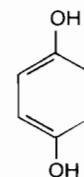
*Other Names:*

Edamin S (*Humko Sheffield*)  
Hy-Case Amino (*Humko Sheffield*)  
Hy-Case SF (*Humko Sheffield*)  
N-Z-Amine AS (*Humko Sheffield*)  
Peptonized Milk Nutrient (*Humko Sheffield*)

## HYDROQUINONE

*CAS Number:* 123-31-9

*Definition:* Hydroquinone is the phenolic compound that conforms to the formula:



*Information Sources:* HUN, MAR, MI, NFXIII, ROM, USP, 21CFR121.2520, 21CFR121.2526, 21CFR121.2576

*Other Names:*

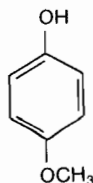
p-Hydroxyphenol  
Tecquinol (*Eastman*)

## *p*-Hydroxyanisole

### **p-HYDROXYANISOLE**

CAS Number: 150-76-5

*Definition:* *p*-Hydroxyanisole is the substituted phenolic compound that conforms to the formula:



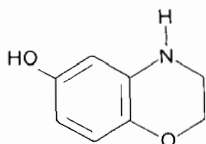
*Other Names:*

Antioxidant No. 221 (*Greeff*)  
*p*-Methoxyphenol

### **HYDROXYBENZOMORPHOLINE**

RD Number: 977067-94-9

*Definition:* Hydroxybenzomorpholine is the heterocyclic compound that conforms to the formula:



### **HYDROXYETHYLCELLULOSE**

CAS Number: PM9004-62-0

*Definition:* Hydroxyethylcellulose is a modified cellulose polymer which contains hydroxyethyl side chains.

*Information Sources:* CTFA, DDR, MAR, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520

*Other Names:*

Cellosez QP (*Union Carbide*)  
Cellosez WP (*Union Carbide*)  
H. E. Cellulose  
Natrosol 150 (*Hercules*)  
Natrosol 250 (*Hercules*)

### **HYDROXYETHYL PEI-1500**

RD Number: 977069-26-3

*Definition:* Hydroxyethyl PEI-1500 is a multihydroxyethylated derivative of PEI-1500 (q.v.).

*Other Names:*

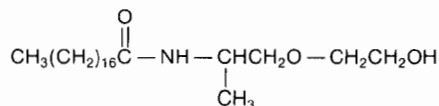
PEI-600E (*Dow*)  
PEI-600E (*Southwest*)

## Hydroxyphenyl Glycinamids

### **HYDROXYETHYL STEARAMIDE-MIPA**

RD Number: 977068-21-5

*Definition:* Hydroxyethyl Stearamide-MIPA is the substituted isopropanolamide that conforms generally to the formula:



*Other Names:*

Croda Pearl (*Croda*)

### **HYDROXYLAMINE HCl**

CAS Number: 5470-11-1

*Definition:* Hydroxylamine HCl is the inorganic amine that conforms to the formula:



*Information Sources:* MI

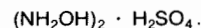
*Other Names:*

Hydroxylamine Hydrochloride

### **HYDROXYLAMINE SULFATE**

CAS Number: 10039-54-0

*Definition:* Hydroxylamine Sulfate is the inorganic salt that conforms to the formula:



*Information Sources:* MI, 21CFR121.2520

### **HYDROXYLATED LANOLIN**

RD Number: 977064-86-0

*Definition:* Hydroxylated Lanolin is the product obtained by the controlled hydroxylation of Lanolin (q.v.).

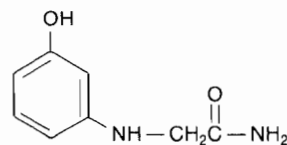
*Other Names:*

OHlan (*Amerchol*)

### **HYDROXYPHENYL GLYCINAMIDE**

RD Number: 977064-87-1

*Definition:* Hydroxyphenyl Glycinamide is the amide that conforms to the formula:



## Hydroxypropylcellulose

### HYDROXYPROPYLCELLULOSE

CAS Number: PM9004-64-2

*Definition:* Hydroxypropylcellulose is a propylene glycol ether of cellulose.

*Information Sources:* CTFA, FCC, 21CFR121.1160, 21CFR121.2507

*Other Names:*

Klucel (*Hercules*)  
Klucel H (*Hercules*)  
Klucel HF (*Hercules*)  
Klucel HP (*Hercules*)  
Klucel M (*Hercules*)

### HYDROXYPROPYL METHYLCELLULOSE

CAS Number: PM9004-65-3

*Definition:* Hydroxypropyl Methylcellulose is a propylene glycol ether of Methylcellulose (q.v.).

*Information Sources:* CTFA, BPC, FCC, MAR, NFXIII, USP, 21CFR121.1021, 21CFR121.2514, 21CFR121.2520

*Other Names:*

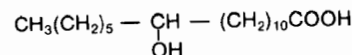
HPM Cellulose (*Dow*)  
Hypromellose  
Methocel J 12 HS (*Dow*)  
Methocel XD-1214 (*Dow*)  
Methocel XD-1214.44 (*Dow*)  
Methocel 60 HG (*Dow*)  
Methocel 65 HG (*Dow*)  
Methocel 90 HG (*Dow*)  
Methyl Hydroxypropyl Cellulose

## Hypericum Extract

### HYDROXYSTEARIC ACID

CAS Number: 106-14-9

*Definition:* Hydroxystearic Acid is the fatty acid that conforms generally to the formula:



*Information Sources:* 21CFR121.2519, 21CFR121.2553

*Other Names:*

12-Hydroxystearic Acid

### HYPERICUM EXTRACT

RD Number: 977064-88-2

*Definition:* Hypericum Extract is an extract of the flowers, capsules, leaves and stem head of *Hypericum perforatum*.

*Information Sources:* HP, 21CFR121.1163

*Other Names:*

Saint John's Wort Extract

**IMIDAZOLIDINYL UREA**

*Definition:* Imidazolidinyl Urea is a heterocyclic substituted urea.

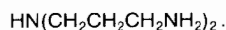
*Other Names:*

Germall 115 (*Sutton*)

**IMINO-BIS-PROPYLAMINE**

*CAS Number:* 56-18-8

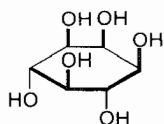
*Definition:* Imino-bis-Propylamine is the aliphatic amine that conforms to the formula:



**INOSITOL**

*CAS Number:* 87-89-8

*Definition:* Inositol is the cyclic polyol that conforms generally to the formula:



*Information Sources:* BRA, FCC, MAR, MI, ROM, USD, 21CFR121.101

**IPECAC**

*CAS Number:* MX8012-96-2

*Definition:* Ipecac is a natural product obtained from the dried rhizome and roots of various species of *Uragoga*. It usually contains at least 2% of ether soluble alkaloids.

*Information Sources:* ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FI, FIN, HP, HUN, ITA, MAR, MEX, MI, PF, PJ, PN, POL, POR, ROM, USD, USP, USSR, WHO

*Other Names:*

Ipecacuanha

**IRON OXIDES**

*RD Number:* 977053-38-5

*Definition:* Iron Oxides is an inorganic compound consisting of any one or combinations of synthetically prepared iron oxides, including the hydrated forms.

*Information Sources:* CTFA, CI 77491, CI 77492, CI 77499, EEC E172, M3, MI, POR, 21CFR8.325, 21CFR8.501, 21CFR8.6001, 21CFR121.101

*Other Names:*

- A-6205 Red Iron Oxide (*Kohnstamm*)
- A-8214 Cosmetic Iron Black (*Kohnstamm*)
- B-3279 Cosmetic Brown Y (*Kohnstamm*)
- C-Rot 45 (*Germany*)
- C-Schwarz 5 (*Germany*)
- C-1654 Cosmetic Brown (*Kohnstamm*)
- Cosmetic Black C33-134 (*Sun*)
- Cosmetic Black C33-3134 (*Sun*)
- Cosmetic Brown C-1654 (*Kohnstamm*)
- Cosmetic Brown C33-115 (*Sun*)
- Cosmetic Brown C33-3115 (*Sun*)
- Cosmetic Brown Y B-3279 (*Kohnstamm*)
- Cosmetic Iron Black A-8214 (*Kohnstamm*)
- Cosmetic Ochre 3506 (*Kohnstamm*)
- Cosmetic Oxide M C33-123 (*Sun*)
- Cosmetic Red Transox C33-8278 (*Sun*)
- Cosmetic Red 3469 (*Kohnstamm*)
- Cosmetic Russet C33-128 (*Sun*)
- Cosmetic Russet C33-2527 (*Sun*)
- Cosmetic Russet C33-3074 (*Sun*)
- Cosmetic Russet C33-3128 (*Sun*)
- Cosmetic Russet C33-3175 (*Sun*)
- Cosmetic Russet C33-8074 (*Sun*)
- Cosmetic Russet C33-8075 (*Sun*)
- Cosmetic Yellow C33-3073 (*Sun*)
- Cosmetic Yellow C33-8073 (*Sun*)
- Cosmetic Yellow Transox C33-8009 (*Sun*)
- C33-115 Cosmetic Brown (*Sun*)
- C33-123 Cosmetic Oxide M (*Sun*)
- C33-128 Cosmetic Russet (*Sun*)
- C33-134 Cosmetic Black (*Sun*)
- C33-2527 Cosmetic Russet (*Sun*)
- C33-3073 Cosmetic Yellow (*Sun*)
- C33-3074 Cosmetic Russet (*Sun*)
- C33-3115 Cosmetic Brown (*Sun*)
- C33-3128 Cosmetic Russet (*Sun*)
- C33-3134 Cosmetic Black (*Sun*)
- C33-3175 Cosmetic Russet (*Sun*)
- C33-8009 Cosmetic Yellow Transox (*Sun*)
- C33-8073 Cosmetic Yellow (*Sun*)
- C33-8074 Cosmetic Russet (*Sun*)
- C33-8075 Cosmetic Russet (*Sun*)
- C33-8278 Cosmetic Red Transox (*Sun*)
- Germany: C-Rot 45
- Germany: C-Schwarz 5
- Iron Oxides (Including Hydrated Iron Oxides)
- Pur Oxy Black 3068 (*Thomasset*)
- Pur Oxy Black 3190 (*Thomasset*)
- Pur Oxy Brown 3060 (*Thomasset*)
- Pur Oxy Brown 3171 (*Thomasset*)

## Iron Oxides (Cont.)

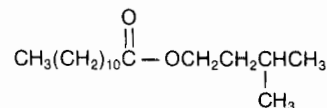
Pur Oxy Brown 3176 (Thomasset)  
Pur Oxy Brown 3180 (Thomasset)  
Pur Oxy Brown 3183 (Thomasset)  
Pur Oxy Brown 3187 (Thomasset)  
Pur Oxy Brown 3593 (Thomasset)  
Pur Oxy Brown 3599 (Thomasset)  
Pur Oxy Orange Hi-Trans 3554  
(Thomasset)  
Pur Oxy Orange 3181 (Thomasset)  
Pur Oxy Red Hi-Trans 3553  
(Thomasset)  
Pur Oxy Red 2040 (Thomasset)  
Pur Oxy Red 3080 (Thomasset)  
Pur Oxy Red 3511 (Thomasset)  
Pur Oxy Red 3551 (Thomasset)  
Pur Oxy Rust 3184 (Thomasset)  
Pur Oxy Sienna 3179 (Thomasset)  
Pur Oxy Umber 3315 (Thomasset)  
Pur Oxy Umber 3320 (Thomasset)  
Pur Oxy Yellow Hi-Trans 3173  
(Thomasset)  
Pur Oxy Yellow 3170 (Thomasset)  
Pur Oxy Yellow 3172 (Thomasset)  
Pur Oxy Yellow 3178 (Thomasset)  
Red Iron Oxide A-6205 (Kohnstamm)  
2040 Pur Oxy Red (Thomasset)  
3060 Pur Oxy Brown (Thomasset)  
3068 Pur Oxy Black (Thomasset)  
3080 Pur Oxy Red (Thomasset)  
3170 Pur Oxy Yellow (Thomasset)  
3171 Pur Oxy Brown (Thomasset)  
3172 Pur Oxy Yellow (Thomasset)  
3173 Pur Oxy Yellow Hi-Trans  
(Thomasset)  
3176 Pur Oxy Brown (Thomasset)  
3178 Pur Oxy Yellow (Thomasset)  
3179 Pur Oxy Sienna (Thomasset)  
3180 Pur Oxy Brown (Thomasset)  
3181 Pur Oxy Orange (Thomasset)  
3183 Pur Oxy Brown (Thomasset)  
3184 Pur Oxy Rust (Thomasset)  
3187 Pur Oxy Brown (Thomasset)  
3190 Pur Oxy Black (Thomasset)  
3315 Pur Oxy Umber (Thomasset)  
3320 Pur Oxy Umber (Thomasset)  
3469 Cosmetic Red (Kohnstamm)  
3506 Cosmetic Ochre (Kohnstamm)  
3511 Pur Oxy Red (Thomasset)  
3551 Pur Oxy Red (Thomasset)  
3553 Pur Oxy Red Hi-Trans  
(Thomasset)  
3554 Pur Oxy Orange Hi-Trans  
(Thomasset)  
3593 Pur Oxy Brown (Thomasset)  
3599 Pur Oxy Brown (Thomasset)

## ISOAMYL LAURATE

CAS Number: 6309-51-9

*Definition:* Isoamyl Laurate is the ester of isoamyl alcohol and lauric acid. It conforms to the formula:

## Isobutylated Lanolin Oil



*Information Sources:* 21CFR121.1164

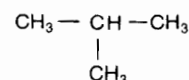
*Other Names:*

Kessco X-650 (Armak)

## ISOBUTANE

CAS Number: 75-28-5

*Definition:* Isobutane is the saturated hydrocarbon that conforms to the formula:

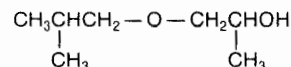


*Other Names:*

2-Methylpropane

## ISOBUTOXYPROPANOL

*Definition:* Isobutoxypropanol is the aliphatic ether alcohol that conforms to the formula:



*Other Names:*

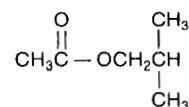
Dowanol PIB-T (Dow)

Propylene Glycol Monoisobutyl Ether

## ISOBUTYL ACETATE

CAS Number: 110-19-0

*Definition:* Isobutyl Acetate is the ester of isobutyl alcohol and acetic acid. It conforms to the formula:



*Information Sources:* FCC, MI, 21CFR121.1164

## ISOBUTYLATED LANOLIN OIL

RD Number: 977064-89-3

*Definition:* Isobutylated Lanolin Oil is the partial ester of Lanolin Oil (q.v.) and isobutyric acid.

*Other Names:*

Argonol 40 (Westbrook Lanolin)

Lanalene Liquid 40 Special (Stapan)

## Isobutylene/Isoprene Copolymer

### ISOBUTYLENE/ISOPRENE COPOLYMER

CAS Number: PM9010-85-9

**Definition:** Isobutylene/Isoprene Copolymer is a copolymer of isobutylene and isoprene monomers.

**Information Sources:** FCC, 21CFR121.2520, 21CFR121.2550, 21CFR121.2562

### ISOBUTYLENE/MALEIC ANHYDRIDE COPOLYMER

RD Number: 977064-90-6

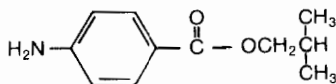
**Definition:** Isobutylene/Maleic Anhydride Copolymer is a copolymer of isobutylene and maleic anhydride monomers.

**Other Names:**  
Tamol 731 (Rohm & Haas)

### ISOBUTYL PABA

CAS Number: 94-14-4

**Definition:** Isobutyl PABA is the ester of isobutyl alcohol and p-aminobenzoic acid. It conforms to the formula:



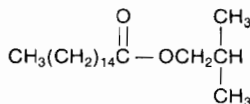
**Information Sources:** MI

**Other Names:**  
Cycloform  
Isobutyl-p-Aminobenzoate  
Isocaine

### ISOBUTYL PALMITATE

CAS Number: 110-34-9

**Definition:** Isobutyl Palmitate is the ester of isobutyl alcohol and palmitic acid. It conforms to the formula:

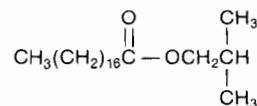


### ISOBUTYL STEARATE

CAS Number: 646-13-9

**Definition:** Isobutyl Stearate is the ester of isobutyl alcohol and stearic acid. It conforms to the formula:

## Isocetyl Palmitate



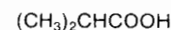
**Information Sources:** MI

**Other Names:**  
Kessco Isobutyl Stearate (Armak)

### ISOBUTYRIC ACID

CAS Number: 79-31-2

**Definition:** Isobutyric Acid is the organic acid that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.1164

### ISOCETYL ALCOHOL

RD Number: 977066-17-3

**Definition:** Isocetyl Alcohol is a mixture of branched chain aliphatic 16 carbon alcohols.

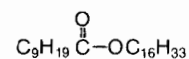
**Information Sources:** CTFA, SNPF

**Other Names:**  
Cyclal G16 (Witco/Cyclo Div)  
Eutanol G-16 (Henkel)  
Isohexadecyl Alcohol  
Michel XO-144 (Michel)  
Standamul G-16 (Henkel)

### ISOCETYL ISODECANOATE

RD Number: 977056-96-4

**Definition:** Isocetyl Isodecanoate is the ester of Isocetyl Alcohol (q.v.) and a branched chain 10 carbon aliphatic acid. It conforms generally to the formula:

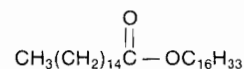


**Other Names:**  
Hexadecyl Neodecanate

### ISOCETYL PALMITATE

RD Number: 977066-18-4

**Definition:** Isocetyl Palmitate is the ester of Isocetyl Alcohol (q.v.) and palmitic acid. It conforms generally to the formula:



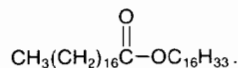


*Other Names:*  
Eshelan 104 (*Nippon Fine Chemicals*)

**ISOCETYL STEARATE**

*RD Number:* 977056-97-5

*Definition:* Isocetyl Stearate is the ester of Isocetyl Alcohol (q.v.) and stearic acid. It conforms generally to the formula:



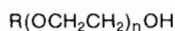
*Information Sources:* CTFA

*Other Names:*  
Grocor 5820 (*Gross, A.*)  
Hexadecyl Stearate  
Kessco Isocetyl Stearate (*Armak*)  
Tegester Hexadecyl Stearate (*Inolex*)  
Wickenol 121 (*Wickhen*)

**ISODECETH-5**

*RD Number:* 977064-91-7

*Definition:* Isodeceth-5 is the polyethylene glycol ether of isodecyl alcohol that conforms generally to the formula:



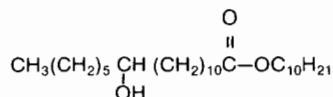
where R represents the isodecyl radical and n has an average value of 5.

*Other Names:*  
Carsonon D-5 (*Carson*)  
Polyoxyethylene (5) Isodecyl Alcohol

**ISODECYL HYDROXYSTEARATE**

*RD Number:* 977056-98-6

*Definition:* Isodecyl Hydroxystearate is the ester of branched chain decyl alcohols and 12-hydroxystearic acid. It conforms generally to the formula:

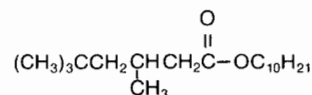


*Other Names:*  
Tetrahydrogeranyl 12-Hydroxystearate

**ISODECYL ISONONANOATE**

*RD Number:* 977056-99-7

*Definition:* Isodecyl Isononanoate is the ester of branched chain decyl alcohols and a branched chain nonanoic acid. It conforms generally to the formula:



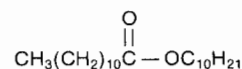
*Information Sources:* CTFA

*Other Names:*  
Wickenol 152 (*Wickhen*)

**ISODECYL LAURATE**

*RD Number:* 977064-92-8

*Definition:* Isodecyl Laurate is the ester of branched chain decyl alcohols and lauric acid. It conforms generally to the formula:

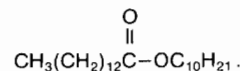


*Other Names:*  
Lauroil (*Audel*)

**ISODECYL MYRISTATE**

*RD Number:* 977057-00-3

*Definition:* Isodecyl Neopentanoate is the ester of branched chain decyl alcohols and neopentanoic acid. It conforms generally to the formula:

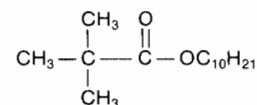


*Other Names:*  
Tetrahydrogeranyl Myristate

**ISODECYL NEOPENTANOATE**

*RD Number:* 977064-93-9

*Definition:* Isodecyl Neopentanoate is the ester of branched chain decyl alcohols and neopentanoic acid. It conforms generally to the formula:

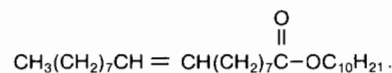


*Other Names:*  
Ceraphyl 225 (*Van Dyk*)

**ISODECYL OLEATE**

*RD Number:* 977057-01-4

*Definition:* Isodecyl Oleate is the ester of branched chain decyl alcohols and oleic acid. It conforms generally to the formula:



## Isodecyl Oleate (Cont.)

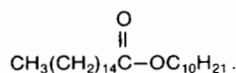
Other Names:

Ceraphyl 140A (Van Dyk)

## ISODECYL PALMITATE

RD Number: 977057-02-5

**Definition:** Isodecyl Palmitate is the ester of branched chain decyl alcohols and palmitic acid. It conforms generally to the formula:



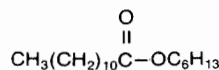
Other Names:

Tetrahydrogeranyl Palmitate

## ISOHEXYL LAURATE

RD Number: 977057-03-6

**Definition:** Isohexyl Laurate is the ester of a branched chain hexyl alcohol and lauric acid. It conforms generally to the formula:



Information Sources: CTFA

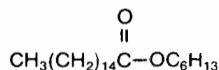
Other Names:

Schercemol IL (Scher Bros.)

## ISOHEXYL PALMITATE

RD Number: 977057-04-7

**Definition:** Isohexyl Palmitate is the ester of a branched chain hexyl alcohol and palmitic acid. It conforms generally to the formula:



Information Sources: CTFA

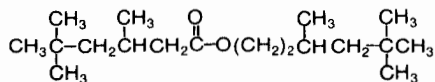
Other Names:

Schercemol IP (Scher Bros.)

## ISONONYL ISONONANOATE

RD Number: 977057-05-8

**Definition:** Isononyl Isononanoate is the ester of a branched chain nonyl alcohol with a branched chain nonanoic acid. It conforms generally to the formula:



## Isopropyl Alcohol

Information Sources: CTFA

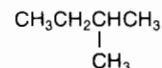
Other Names:

Wickenol 151 (Wickhen)

## ISOPENTANE

CAS Number: 78-78-4

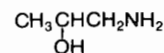
**Definition:** Isopentane is the saturated branched chain hydrocarbon conforming to the formula:



## ISOPROPANOLAMINE

CAS Number: 78-96-6

**Definition:** Isopropanolamine is the aliphatic amine that conforms to the formula:



Information Sources: CTFA, 21CFR121.2519, 21CFR121.2520

Other Names:

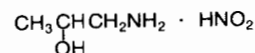
1-Amino-2-Propanol

Monoisopropanolamine

## ISOPROPANOLAMINE NITRITE

RD Number: 977057-06-9

**Definition:** Isopropanolamine Nitrite is the organic salt that conforms generally to the formula:



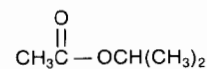
Other Names:

2-Hydroxypropylamine Nitrite

## ISOPROPYL ACETATE

CAS Number: 108-21-4

**Definition:** Isopropyl Acetate is the ester of isopropyl alcohol and acetic acid. It conforms to the formula:



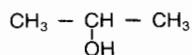
Information Sources: FCC, MI, 21CFR121.1164, 21CFR121.2507, 21CFR121.2520

## ISOPROPYL ALCOHOL

CAS Number: 67-63-0

## Isopropyl Alcohol (Cont.)

**Definition:** Isopropyl Alcohol is the aliphatic alcohol that conforms to the formula:



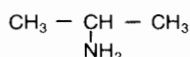
**Information Sources:** AUS, BP, BPC, DDR, FCC, KOR, MAR, MI, NF, NFJ, PJ, USD, 21CFR121.1043, 21CFR121.1099, 21CFR121.1164, 21CFR121.2507, 21CFR121.2519, 21CFR121.2520, 21CFR121.2531, 21CFR121.2535, 21CFR121.2557

**Other Names:**  
Isopropanol  
2-Propanol

## ISOPROPYLAMINE

**CAS Number:** 75-31-0

**Definition:** Isopropylamine is the aliphatic amine that conforms to the formula:

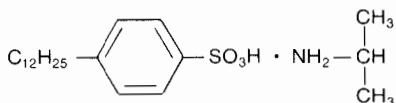


**Information Sources:** MI

## ISOPROPYLAMINE DODECYLBENZENESULFONATE

**CAS Number:** 26264-05-1

**Definition:** Isopropylamine Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:

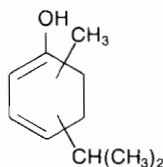


**Other Names:**  
Conco AAS Special 3 (Continental Chemical)

## ISOPROPYL CRESOLS

**RD Number:** 977061-38-3

**Definition:** Isopropyl Cresols is the mixture of isomeric methyl and propyl-substituted phenol which is represented generally by the formula:



**Information Sources:** 21CFR121.2571

## Isopropyl Lanolate

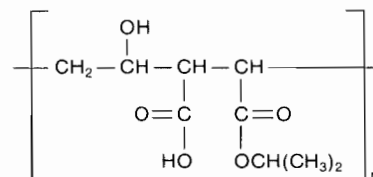
**Other Names:**

Stabilizer #1 (Givaudan)  
Stabilizer D-17 (Givaudan)

## ISOPROPYL ESTER OF PVM/MA COPOLYMER

**RD Number:** 977064-94-0

**Definition:** Isopropyl Ester of PVM/MA Copolymer is a polymer consisting of the partial isopropyl ester of the polycarboxylic resin formed from vinyl methyl ether and maleic anhydride. It conforms generally to the formula:



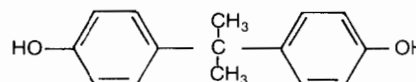
**Other Names:**

Gantrez ES-335-I (GAF)

## 4,4'-ISOPROPYLIDENEDIPHENOL

**CAS Number:** 80-05-7

**Definition:** 4,4'-Isopropylidenediphenol is the bisphenol that conforms to the formula:



**Information Sources:** MI, 21CFR121.2520

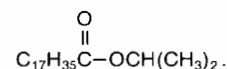
**Other Names:**

Bisphenol A (Dow)

## ISOPROPYL ISOSTEARATE

**RD Number:** 977057-07-0

**Definition:** Isopropyl Isostearate is the ester of isopropyl alcohol and Isostearic Acid (q.v.). It conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Emerest 2310 (Malmstrom)  
Lan-O-Derm (Clintwood)  
Wickenol 131 (Wickhen)

## ISOPROPYL LANOLATE

**RD Number:** 977054-16-2

## Isopropyl Lanolate (Cont.)

**Definition:** Isopropyl Lanolate is the ester of isopropyl alcohol and Lanolin Acid (q.v.).

**Information Sources:** CTFA

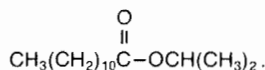
### Other Names:

Amerlate P (*Amerchol*)  
Amerlate W (*Amerchol*)  
Ethylan (*Robinson-Wagner*)  
Lanalene L (*Stepan*)  
Lanalene P (*Stepan*)  
Lanalene S (*Stepan*)  
Lanesta L (*Stepan*)  
Lanesta P.S. (*Stepan*)

## ISOPROPYL LAURATE

**CAS Number:** 10233-13-3

**Definition:** Isopropyl Laurate is the ester of isopropyl alcohol and lauric acid. It conforms generally to the formula:



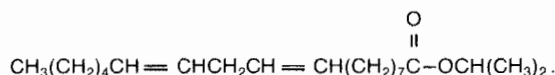
### Other Names:

Prolaurin (*Robinson-Wagner*)

## ISOPROPYL LINOLEATE

**CAS Number:** 22882-95-7

**Definition:** Isopropyl Linoleate is the ester of isopropyl alcohol and linoleic acid. It conforms generally to the formula:



**Information Sources:** CTFA

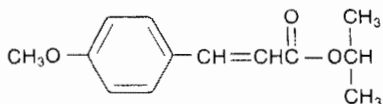
### Other Names:

Ceraphyl IPL (*Van Dyk*)  
Wickenol 129 (*Wickhen*)

## ISOPROPYL METHOXYCINNAMATE

**CAS Number:** 5466-76-2

**Definition:** Isopropyl Methoxycinnamate is the ester of isopropyl alcohol and p-methoxycinnamic acid. It conforms to the formula:

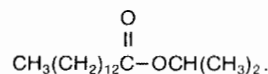


## ISOPROPYL MYRISTATE

**CAS Number:** 110-27-0

## Isopropyl Palmitate

**Definition:** Isopropyl Myristate is the ester of isopropyl alcohol and myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA, BPC, MAR, MI, NF, SNPF

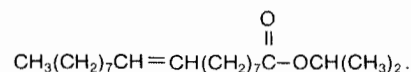
### Other Names:

Crodamol IPM (*Croda*)  
Delyl Extra (*Givaudan*)  
Emerest 2314 (*Malmstrom*)  
Estol 081 (*Price's*)  
Isomyst (*Inolex*)  
JA-FA IPM (*Jahres Fabrikker*)  
Kessco Isopropyl Myristate (*Armak*)  
Kesscomir (*Armak*)  
Plymouth IPM (*Penick*)  
Promyr (*Robinson-Wagner*)  
Starfol IPM (*Ashland*)  
Stepan D-50 (*Stepan*)  
Tegester Isomyst (*Inolex*)  
Unimate IPM (*Union Camp*)  
Wickenol 101 (*Wickhen*)

## ISOPROPYL OLEATE

**RD Number:** 977057-08-1

**Definition:** Isopropyl Oleate is the ester of isopropyl alcohol and oleic acid. It conforms generally to the formula:



**Information Sources:** 21CFR121.2531,  
21CFR121.2553

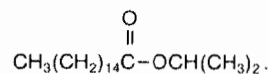
### Other Names:

Estol 212 (*Price's*)  
JA-FA IPO (*Jahres Fabrikker*)

## ISOPROPYL PALMITATE

**CAS Number:** 142-91-6

**Definition:** Isopropyl Palmitate is the ester of isopropyl alcohol and palmitic acid. It conforms generally to the formula:



**Information Sources:** CTFA, SNPF

### Other Names:

Crodamol IPP (*Croda*)  
Delyl Prime (*Givaudan*)  
Emerest 2316 (*Malmstrom*)  
Estol 103 (*Price's*)

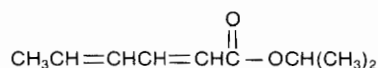
## Isopropyl Palmitate (Cont.)

Isopropyl n-Hexadecanoate  
JA-FA IPP (*Jahres Fabrikker*)  
Kessco Isopropyl Palmitate (*Armak*)  
Plymouth IPP (*Penick*)  
Propal (*Robinson-Wagner*)  
Starfol IPP (*Ashland*)  
Stepan D-70 (*Stepan*)  
Tegester Isopalm (*Inolex*)  
Unimate IPP (*Union Camp*)  
Wickenol 111 (*Wickhen*)

## ISOPROPYL SORBATE

RD Number: 977066-19-5

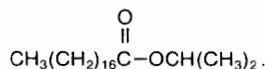
**Definition:** Isopropyl Sorbate is the ester of isopropyl alcohol and sorbic acid. It conforms to the formula:



## ISOPROPYL STEARATE

CAS Number: 112-10-7

**Definition:** Isopropyl Stearate is the ester of isopropyl alcohol and stearic acid. It conforms generally to the formula:



**Other Names:**

JA-FA IPS (*Jahres Fabrikker*)  
Plymouth IPS (*Penick*)  
Unimate IPS (*Union Camp*)  
Wickenol 127 (*Wickhen*)

## ISOPROPYL TALLOWATE

RD Number: 977064-95-1

**Definition:** Isopropyl Tallowate is the ester of isopropyl alcohol and Tallow Acid (q.v.).

## ISOSTEARAMIDE DEA

RD Number: 977057-09-2

**Definition:** Isostearamide DEA is a mixture of ethanalamides of Isostearic Acid (q.v.).

**Other Names:**

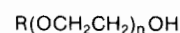
Monamid 150-IS (*Mona*)  
Schercomid SI (*Scher Bros.*)

## ISOSTEARETH-2

RD Number: 977064-96-2

**Definition:** Isosteareth-2 is the polyethylene glycol ether of Isostearyl Alcohol (q.v.) that conforms generally to the formula:

## Isosteareth-20



where R represents the isostearyl radical and n has an average value of 2.

**Information Sources:** CTFA

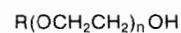
**Other Names:**

Arosurf 66-E2 (*Ashland*)  
Emulphor AM-310 (*GAF*)  
PEG-2 Isostearyl Ether  
Polyoxyethylene (2) Isostearyl Ether

## ISOSTEARETH-3

RD Number: 977059-92-9

**Definition:** Isosteareth-3 is the polyethylene glycol ether of Isostearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents the isostearyl radical and n has an average value of 3.

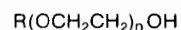
**Other Names:**

PEG-3 Isostearyl Ether  
Polyoxyethylene (3) Isostearyl Ether

## ISOSTEARETH-10

RD Number: 977059-85-0

**Definition:** Isosteareth-10 is the polyethylene glycol ether of Isostearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents the isostearyl radical and n has an average value of 10.

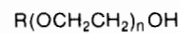
**Other Names:**

Arosurf 66-E10 (*Ashland*)  
Emulphor AM-650 (*GAF*)  
PEG-10 Isostearyl Ether  
Polyoxyethylene (10) Isostearyl Ether

## ISOSTEARETH-20

RD Number: 977064-97-3

**Definition:** Isosteareth-20 is the polyethylene glycol ether of Isostearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents the isostearyl radical and n has an average value of 20.

**Other Names:**

Arosurf 66-E20 (*Ashland*)  
PEG-20 Isostearyl Ether  
Polyoxyethylene (20) Isostearyl Ether

## Isostearic Acid

### ISOSTEARIC ACID

CAS Number: 2724-58-5

**Definition:** Isostearic Acid is a mixture of branched chain octadecanoic acids.

**Information Sources:** CTFA

**Other Names:**

Century 1105 (*Union Camp*)

Emersol 871 (*Emery*)

Emersol 875 (*Emery*)

### ISOSTEARIC HYDROLYZED ANIMAL PROTEIN

RD Number: 977066-20-8

**Definition:** Isostearic Hydrolyzed Animal Protein is the condensation product of Isostearic Acid (q.v.) with Hydrolyzed Animal Protein (q.v.).

**Other Names:**

Crotein IP (*Croda*)

Crotein IPX (*Croda*)

### ISOSTEARYL ALCOHOL

CAS Number: MX8934-88-6

**Definition:** Isostearyl Alcohol is a mixture of branched chain aliphatic 18 carbon alcohols.

**Information Sources:** CTFA

**Other Names:**

Adol 66 (*Ashland*)

Michel XO-146 (*Michel*)

18G (*Mitsubishi*)

### ISOSTEARYL ISOSTEARATE

RD Number: 977066-98-4

**Definition:** Isostearyl Isostearate is the ester of Isostearyl Alcohol (q.v.) and Isostearic Acid (q.v.).

**Other Names:**

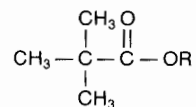
Schercemol 1818 (*Scher Bros.*)

### ISOSTEARYL NEOPENTANOATE

RD Number: 977064-99-5

**Definition:** Isostearyl Neopentanoate is the ester of Isostearyl Alcohol (q.v.) and neopentanoic acid. It conforms generally to the formula:

## Ivy Extract



where R represents the isostearyl radical.

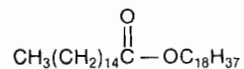
**Other Names:**

Ceraphyl 375 (*Van Dyk*)

### ISOSTEARYL PALMITATE

RD Number: 977064-75-7

**Definition:** Isostearyl Palmitate is the ester of Isostearyl Alcohol (q.v.) and palmitic acid. It conforms generally to the formula:



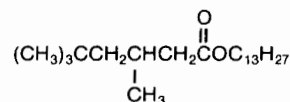
**Other Names:**

Eshelan 118-D (*Nippon Fine Chemicals*)

### ISOTRIDECYL ISONONANOATE

RD Number: 977057-10-5

**Definition:** Isotridecyl Isononanoate is the ester of branched chain tridecyl alcohols and branched chain nonanoic acids. It conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Wickenol 153 (*Wickhen*)

### IVY EXTRACT

RD Number: 977065-00-1

**Definition:** Ivy Extract is an extract of the leaves and branches of *Hedera helix*.

**Information Sources:** HP

## MONOGRAPHS

# J

### **JALAP RESIN**

*CAS Number:* PM9000-35-5

*Definition:* Jalap Resin is a material obtained from the dried tuberous root of *Exogonium purga*.

*Information Sources:* ARG, AUS, BEL, BP1963, BRA, EGY, HP, IND, MAR, MI, PF, POR, ROM, USD

### **JAPAN WAX**

*CAS Number:* MX8001-39-6

*Definition:* Japan Wax is a fat expressed from the mesocarp of the fruit of *Rhus succedanea*.

*Information Sources:* CTFA, MAR, MI, 21CFR121.101, 21CFR121.2520, 21CFR121.2526

### **JUNIPER EXTRACT**

*RD Number:* 977009-22-5

*Definition:* Juniper Extract is an extract of the ripe fruits of *Juniperus communis*.

*Information Sources:* USD, 21CFR121.101

### **JUNIPER TAR**

*CAS Number:* MX8013-10-3

*Definition:* Juniper Tar is the volatile oil obtained from the wood of *Juniperus oxycedrus*.

*Information Sources:* AUS, BPC, BRA, DA, EGY, FI, FIN, HUN, MAR, MI, NF, POR, ROM, USD

*Other Names:*

Cade Oil

Oil of Cade

Oil of Juniper

## MONOGRAPHS

# K

### KAOLIN

*CAS Number:* 1332-58-7

*Definition:* Kaolin is a native hydrated aluminum silicate with an approximate composition of



*Information Sources:* CTFA, ARG, AUS, BP, BPC, BRA, CI 77004, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PJ, PN, POR, USD, YUG, 21CFR121.101, 21CFR121.2507

*Other Names:*

Bolus Alba  
China Clay  
'DOM' Colloidal Kaolin (*Chrystal*)  
Electros Colloidal Kaolin (*Chrystal*)  
Lion English Kaolin (*Chrystal*)

### KARAYA GUM

*CAS Number:* PM9000-36-6

*Definition:* Karaya Gum is the dried exudate of the tree, *Sterculia urens*.

*Information Sources:* BPC, BRA, FCC, MAR, MI

*Other Names:*

Gum Karaya  
Sterculia Gum

### KRAMERIA EXTRACT

*RD Number:* 977023-63-4

*Definition:* Krameria Extract is an extract of the roots of *Krameria triandra*.

*Information Sources:* ARG, BEL, BRA, EP, HP, MAR, MI, PF, POR, 21CFR121.1163

*Other Names:*

Rhatany Extract



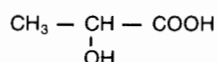
# MONOGRAPHS

## L

### LACTIC ACID

CAS Number: 50-21-5

*Definition:* Lactic Acid is the organic acid that conforms to the formula:



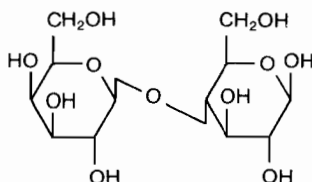
*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR121.101

*Other Names:*  
2-Hydroxypropionic Acid

### LACTOSE

CAS Number: 63-42-3

*Definition:* Lactose is a disaccharide conforming to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, YUG

*Other Names:*  
Milk Sugar

### LANETH-5

RD Number: 977054-73-1

*Definition:* Laneth-5 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 5.

*Information Sources:* CTFA

*Other Names:*  
Aqualose W 5 (*Westbrook Lanolin*)  
Ethoxyol-5 (*Malmstrom*)  
Polychol 5 (*Croda*)  
Polyoxyethylene (5) Lanolin Ether  
Solulan 5 (*Amerchol*)

### LANETH-9 ACETATE

RD Number: 977054-74-2

*Definition:* Laneth-9 Acetate is the acetylated ester of an ethoxylated ether of Lanolin Alcohol (q.v.). It has an average ethoxylation level of 9 moles ethylene oxide.

*Other Names:*  
Acetylated Polyoxyethylene (9) Lanolin Alcohol  
Polyoxyethylene (9) Lanolin Ether, Acetylated  
Solulan 97 (*Amerchol*)

### LANETH-10

RD Number: 977054-75-3

*Definition:* Laneth-10 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 10.

*Other Names:*  
Polychol 10 (*Croda*)  
Polyoxyethylene (10) Lanolin Ether

### LANETH-10 ACETATE

RD Number: 977054-76-4

*Definition:* Laneth-10 Acetate is the acetylated ester of an ethoxylated ether of Lanolin Alcohol (q.v.). It has an average ethoxylation value of 10 moles ethylene oxide.

*Information Sources:* CTFA

*Other Names:*  
Acetylated Polyoxyethylene (10) Lanolin Alcohol  
Crodalan AWS (*Croda*)  
Ethoxyol AC (*Malmstrom*)  
Linsol ETO (*Lanaetex*)  
Polyoxyethylene (10) Lanolin Ether, Acetylated  
Solulan 98 (*Amerchol*)

### LANETH-15

RD Number: 977054-77-5

*Definition:* Laneth-15 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 15.

*Information Sources:* CTFA

*Other Names:*

Polychol 15 (*Croda*)  
 Polyoxyethylene (15) Lanolin Ether  
 Polyoxyethylene (15) Wool Wax Alcohol Ethers  
 Solulan HC (*Amerchol*)

**LANETH-16**

*RD Number:* 977054-78-6

*Definition:* Laneth-16 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 16.

*Other Names:*

Ethoxyl-16 (*Malmstrom*)  
 Ethoxyl-16R (*Malmstrom*)  
 Polyoxyethylene (16) Lanolin Ether  
 Solulan 16 (*Amerchol*)

**LANETH-20**

*RD Number:* 977054-79-7

*Definition:* Laneth-20 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 20.

*Information Sources:* CTFA

*Other Names:*

Aqualose W20 (*Westbrook Lanolin*)  
 Lanalox W20 (*Stepan*)  
 Polychol 20 (*Croda*)  
 Polyoxyethylene (20) Lanolin Ether

**LANETH-25**

*RD Number:* 977054-80-0

*Definition:* Laneth-25 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 25.

*Information Sources:* CTFA

*Other Names:*

Polyoxyethylene (25) Lanolin Ether  
 Solulan 25 (*Amerchol*)

**LANETH-40**

*RD Number:* 977054-81-1

*Definition:* Laneth-40 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 40.

*Information Sources:* CTFA

*Other Names:*

Ethoxyl-40 (*Malmstrom*)  
 Polychol 40 (*Croda*)  
 Polyoxyethylene (40) Lanolin Ether

**LANETH-75**

*RD Number:* 977061-60-1

*Definition:* Laneth-75 is the polyethylene glycol ether of Lanolin Alcohol (q.v.) with an average ethoxylation value of 75.

**LANOLIN**

*CAS Number:* MX8020-84-6

*Definition:* Lanolin is a refined derivative of the unctuous fat-like sebaceous secretion of sheep. It consists of a highly complex mixture of esters of high molecular weight aliphatic, steroid or triterpenoid alcohols and fatty acids.

*Information Sources:* CTFA, ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FI, FIN, HUN, ITA, MAR, MEX, MI, PF, PJ, PN, POL, ROM, SNPF, USD, USP, YUG, 21CFR121.2507, 21CFR121.2514, 21CFR121.2519, 21CFR121.2526, 21CFR121.2531, 21CFR121.2562

*Other Names:*

Anhydrous Lanolin  
 Clearlan (*Malmstrom*)  
 Cosmetic AA Lanolin (*Robinson-Wagner*)  
 Cosmetic Lanolin (*Croda*)  
 Cosmetic Lanolin (*Fanning*)  
 Deodorized AAA Anhydrous Lanolin USP (*Robinson-Wagner*)  
 Glossylan (*Malmstrom*)  
 Golden Dawn (*Westbrook Lanolin*)  
 Hychol (*Robinson-Wagner*)  
 Lanolin, Anhydrous  
 Nodorlan (*Malmstrom*)  
 Pharmaceutical Lanolin (*Croda*)  
 Pharmaceutical Lanolin (*Fanning*)  
 Pharmaceutical Lanolin (*Robinson-Wagner*)  
 Prime Cosmetic Lanolin (*Lanaetex*)  
 Sparklelan (*Malmstrom*)  
 Super Corona Lanolin (*Croda*)  
 Superfine Lanolin (*Fanning*)  
 Wool Fat  
 Wool Wax

**LANOLIN ACID**

*RD Number:* 977057-11-6

*Definition:* Lanolin Acid is a mixture of organic acids obtained from the hydrolysis of Lanolin (q.v.).

*Information Sources:* CTFA

*Other Names:*

Amerlate LFA (*Amerchol*)  
 Amerlate WFA (*Amerchol*)  
 Argowax LFA Distilled (*Westbrook Lanolin*)  
 Argowax LFA Standard (*Westbrook Lanolin*)  
 Lanacid (*Malmstrom*)  
 Lanolic Acids  
 Lanolin Fatty Acids

## Lanolin Acid (Cont.)

Skliro (Croda)  
Skliro Distilled (Croda)

## LANOLIN ALCOHOL

CAS Number: MX8013-34-1

**Definition:** Lanolin Alcohol is a mixture of organic alcohols obtained from the hydrolysis of Lanolin (q.v.).

**Information Sources:** CTFA, AUS, BP, BPC, CZE, DA, DDR, HUN, IND

### Other Names:

Argowax Distilled (Westbrook Lanolin)  
Argowax Standard (Westbrook Lanolin)  
Ceralan (Robinson-Wagner)  
Fancol LA (Fanning)  
Hartolan (Croda)  
Lanalol Distilled (Stepan)  
Lanalol Standard (Stepan)  
Lanalol W2 (Stepan)  
Nimco Distilled Lanolin Alcohols L.C. (Malmstrom)  
Nimco Wool Wax Alcohols (Malmstrom)  
Sterachol (Lanaetex)  
Super Hartolan (Croda)  
Super Nimco Wool Wax Alcohols (Malmstrom)  
Wool Wax Alcohol

## LANOLINAMIDE DEA

RD Number: 977057-12-7

**Definition:** Lanolinamide DEA is a mixture of ethanalamides of Lanolin Acid (q.v.). It conforms generally to the formula:



where  $\text{R}-\overset{\text{O}}{\parallel}{\text{C}}-$  represents the lanolin acid radical.

### Other Names:

N,N-Bis(2-Hydroxyethyl) Lanolin Acid Amide  
Diethanolamine Lanolin Acid Amide  
Lanolin Diethanolamide

## LANOLIN LINOLEATE

RD Number: 977057-13-8

**Definition:** Lanolin Linoleate is the ester of Lanolin Alcohol (q.v.) and linoleic acid.

### Other Names:

Lanalene Liquid LIN (Stepan)  
Polylan (Amerchol)

## LANOLIN OIL

CAS Number: MX8038-43-5

## Lanosterol

**Definition:** Lanolin Oil is the liquid fraction of lanolin obtained by physical means from whole lanolin.

**Information Sources:** CTFA

### Other Names:

Argonol 50 Pharm. (Westbrook Lanolin)  
Argonol 50 Super (Westbrook Lanolin)  
Argonol 60 (Westbrook Lanolin)  
Dewaxed Lanolin  
Fluilan (Croda)  
Lanalene Liquid 50 Super (Stepan)  
Lanalene Liquid 60 (Stepan)  
Lanogene (Robinson-Wagner)  
Lanoil (Lanaetex)  
Lantrol (Malmstrom)  
Ritalan (R.I.T.A.)  
Vigilan (Fanning)  
Viscolan (Amerchol)

## LANOLIN RICINOLEATE

RD Number: 977057-14-9

**Definition:** Lanolin Ricinoleate is the ester of Lanolin Alcohol (q.v.) and ricinoleic acid.

### Other Names:

Ricilan B (Amerchol)

## LANOLIN WAX

RD Number: 977057-15-0

**Definition:** Lanolin Wax is the semisolid fraction of lanolin obtained by physical means from whole lanolin.

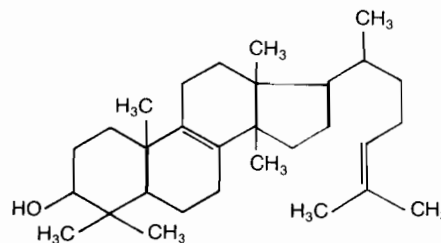
### Other Names:

Albalan (Stepan)  
Albalan (Westbrook Lanolin)  
De-Oiled Lanolin  
Lanfrax (Malmstrom)  
Lanfrax, Deodorized (Malmstrom)  
Lanocerin (Robinson-Wagner)  
Waxolan (Amerchol)

## LANOSTEROL

CAS Number: 79-63-0

**Definition:** Lanosterol is a sterol obtained from lanolin. It conforms generally to the formula:



**Information Sources:** MI

## Lanthanum Chloride

### LANTHANUM CHLORIDE

CAS Number: 10099-58-8

**Definition:** Lanthanum Chloride is the inorganic salt that conforms to the formula:

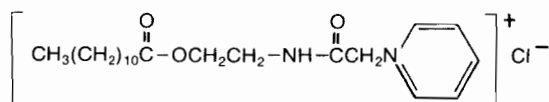


**Information Sources:** MI

### LAPYRIUM CHLORIDE

CAS Number: 6272-74-8

**Definition:** Lapyrium Chloride is the quaternary ammonium salt that conforms to the formula:



**Information Sources:** USAN

**Other Names:**

Emcol E-607L (*Witco*)  
1-(2-Hydroxyethyl) Carbamoyl Methyl  
Pyridinium Chloride Laurate  
N-(Lauryl Colamino Formyl Methyl)  
Pyridinium Chloride

### LARD

RD Number: 977001-57-2

**Definition:** Lard is the purified fat obtained from the abdomen of the hog.

**Information Sources:** BP1963, CZE, DA, FIN, MAR, MI, PJ, POL, ROM, 21CFR121.101

### LARD GLYCERIDE

CAS Number: MX8039-91-6

**Definition:** Lard Glyceride is the monoglyceride derived from Lard (q.v.).

**Other Names:**

Monomuls 90-10 (*Gruenau*)  
Myverol 18-40 (*Eastman*)

### LARD GLYCERIDES

**Definition:** Lard Glycerides is a mixture of mono, di and tri glycerides derived from Lard (q.v.).

**Other Names:**

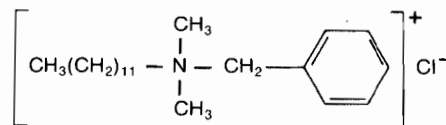
Monomuls 60-10 (*Gruenau*)

### LAURALKONIUM CHLORIDE

CAS Number: 7078-67-3

**Definition:** Lauralkonium Chloride is a quaternary ammonium salt that conforms generally to the formula:

## Lauramide DEA



**Information Sources:** CZE, 21CFR121.2520

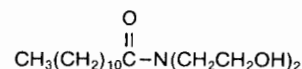
**Other Names:**

Lauryl Dimethyl Benzyl Ammonium Chloride

### LAURAMIDE DEA

CAS Number: 120-40-1

**Definition:** Lauramide DEA is a mixture of ethanolamides of lauric acid. It conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2571

**Other Names:**

Amide No. 23 (*Procter & Gamble*)  
Aminol LA-12 (*Finetex*)  
Aminol LM-5 (*Finetex*)  
Aminol LM-30 (*Finetex*)  
Aminol VR-14 (*Finetex*)  
Betamid L-20 (*Beta*)  
N,N-Bis(2-Hydroxyethyl) Lauramide  
Carsamide SAL-7 (*Carson*)  
Carsamide SAL-9 (*Carson*)  
Carsamide SAL-82 (*Carson*)  
Clindrol Superamide 100L (*Clintwood*)  
Clindrol Superamide 100LM (*Clintwood*)  
Clindrol 200-L (*Clintwood*)  
Comperlan LD (*Henkel*)  
Condensate L-90 (*Chemical Products*)  
Condensate L-90A (*Chemical Products*)  
Condensate L-5560 (*Chemical Products*)  
Condensate LM-5560 (*Chemical Products*)  
Condensate LM11D (*Chemical Products*)  
Condensate PE (*Continental Chemical*)  
Condensate PHL (*Continental Chemical*)  
Condensate PL (*Continental Chemical*)  
Cyclomide LD (*Witco/Cyclo Div*)  
Diethanolamine Lauric Acid Amide  
Emid 6510 (*Malmstrom*)  
Emid 6511 (*Malmstrom*)  
Hetamide ML (*Heterene*)  
Hyamide 90-C (*Chemical Products*)  
Lanamid 7031 (*Lancaster*)  
Lanamid 7032 (*Lancaster*)  
Lauric Acid Diethanolamide  
Lauric Diethanolamide  
Lauroyl Diethanolamide  
Monamid 150 LMW C (*Mona*)  
Monamid 150 LW (*Mona*)  
Monamid 150 LWA (*Mona*)  
Monamid 716 (*Mona*)  
Monamid 770 (*Mona*)  
Monamine ACO-100 (*Mona*)

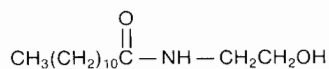
## Lauramide DEA (Cont.)

Monamine LM-100 (*Mona*)  
Ninol AA62 (*Stepan*)  
Ninol AA62 Extra (*Stepan*)  
Nitrene L-76 (*Textilana*)  
Nitrene L-90 (*Textilana*)  
Nitrene 205 (*Textilana*)  
Onyxol 336 (*Onyx*)  
Onyxol 345 (*Onyx*)  
Protamide L-5-560 (*Protameen*)  
Protamide L-80M (*Protameen*)  
Protamide LM 73 (*Protameen*)  
Protamide LM 5560 (*Protameen*)  
Protamide L90 (*Protameen*)  
Protamide L90A (*Protameen*)  
Rewomid DL 203/S (*Rewo*)  
Rewomid DLMS (*Rewo*)  
Rewomid DLMS Special (*Rewo*)  
Richamide LM-46 (*Richardson*)  
Richamide STD (*Richardson*)  
Richamide 6310 (*Richardson*)  
Schercomid LD (*Scher Bros.*)  
Schercomid SL Extra (*Scher Bros.*)  
Schercomid SLM (*Scher Bros.*)  
Standamid LD (*Henkel*)  
Stepan P-616 (*Stepan*)  
Stepan P-621 (*Stepan*)  
Super Amide L-9 (*Onyx*)  
Super Amide L-9A (*Onyx*)  
Super Amide L-9C (*Onyx*)  
Super Amide LM (*Onyx*)  
Superamide 100L (*Clintwood*)  
Synotol L-60 (*PVO*)  
Synotol LM-60 (*PVO*)  
Unamide J-56 (*Lonza*)  
Varamide L1 (*Ashland*)  
Varamide ML-1 (*Ashland*)  
Witcamide 5195 (*Witco*)

## LAURAMIDE MEA

RD Number: 977057-16-1

**Definition:** Lauramide MEA is a mixture of ethanolamides of lauric acid. It conforms generally to the formula:



### Other Names:

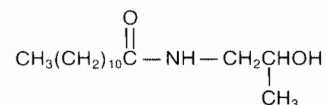
Comperlan LM (*Henkel*)  
Cyclomide LM (*Witco/Cyclo Div*)  
N-(2-Hydroxyethyl) Lauramide  
Kessco X-159 (*Armak*)  
Lauroyl Monoethanolamide  
Monamid LM-MA (*Mona*)  
Monamid LMA (*Mona*)  
Monoethanolamine Lauric Acid Amide

## LAURAMIDE MIPA

CAS Number: 142-54-1

## Lauramine Oxide

**Definition:** Lauramide MIPA is a mixture of isopropanolamides of lauric acid. It conforms generally to the formula:



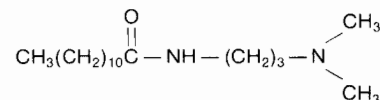
### Other Names:

Clindrol 101LI (*Clintwood*)  
Comperlan LP (*Henkel*)  
Cyclomide LP (*Witco/Cyclo Div*)  
Empilan LIS (*Marchon*)  
Lauroyl Isopropanolamide  
Monamid LIPA (*Mona*)  
Monamid LMIPA (*Mona*)  
Monamid 692 (*Mona*)  
Monoisopropanolamine Lauric Acid Amide  
Onyxol 368 (*Onyx*)  
Standamid LP (*Henkel*)

## LAURAMIDOPROPYL DIMETHYLAMINE

RD Number: 977062-36-4

**Definition:** Lauramidopropyl Dimethylamine is the amidoamine which conforms to the formula:



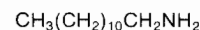
### Other Names:

Dimethylaminopropyl Lauramide  
Tegamine L-13 (*Inolex*)

## LAURAMINE

CAS Number: 124-22-1

**Definition:** Lauramine is the aliphatic amine that conforms to the formula:



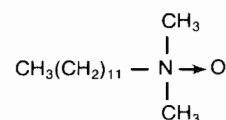
### Other Names:

Armeen 12 (*Armak*)  
Armeen 12D (*Armak*)  
Dodecylamine  
Lauryl Amine

## LAURAMINE OXIDE

RD Number: 977057-17-2

**Definition:** Lauramine Oxide is the aliphatic amine oxide that conforms generally to the formula:



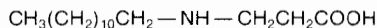
*Other Names:*

Ammonyx LO (*Onyx*)  
 Aromox DMMC-W (*Armak*)  
 Conco XAL (*Continental Chemical*)  
 Lauryl Dimethyl Amine Oxide

**LAURAMINOPROPIONIC ACID**

*RD Number:* 977057-18-3

*Definition:* Lauraminopropionic Acid is the substituted propionic acid that conforms generally to the formula:

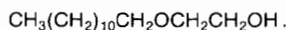
*Other Names:*

Deriphath 170C (*General Mills*)  
 N-Lauryl, Myristyl  $\beta$ -Aminopropionic Acid

**LAURETH-1**

*RD Number:* 977054-82-2

*Definition:* Laureth-1 is the ethylene glycol ether of lauryl alcohol that conforms to the formula:



*Information Sources:* CTFA

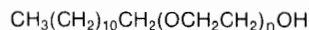
*Other Names:*

Ethylene Glycol Monolauryl Ether  
 Lipocol L-1 (*Lipo*)  
 PEG-1 Lauryl Ether  
 Siponic L-1 (*Alcolac*)  
 Standamul LA-1 (*Henkel*)

**LAURETH-2**

*RD Number:* 977062-02-4

*Definition:* Laureth-2 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 2.

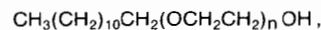
*Other Names:*

Carsonon L-2 (*Carson*)  
 PEG-2 Lauryl Ether  
 Polyethylene Glycol 100 Lauryl Ether  
 Polyoxyethylene (2) Lauryl Ether  
 Standamul LA-2 (*Henkel*)

**LAURETH-3**

*RD Number:* 977064-47-3

*Definition:* Laureth-3 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 3.

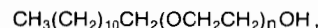
*Other Names:*

AE-1214/3 (*Procter & Gamble*)  
 Carsonon L-3 (*Carson*)  
 Dehydol LS-3 (*Henkel*)  
 Emalex 703 (*Nihon Emulsion*)  
 PEG-3 Lauryl Ether  
 Polyethylene Glycol (3) Lauryl Ether  
 Polyoxyethylene (3) Lauryl Ether  
 Procol LA-3 (*Protameen*)  
 Siponic L-3 (*Alcolac*)  
 Standamul LA-3 (*Henkel*)

**LAURETH-4**

*RD Number:* 977054-83-3

*Definition:* Laureth-4 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 4.

*Information Sources:* CTFA, SNPF, 21CFR 121.2506

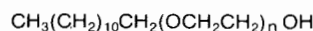
*Other Names:*

Brij 30 (*ICI United States*)  
 Brij 30 Special (*ICI United States*)  
 Cyclogol ZBL4 (*Witco/Cyclo Div*)  
 Ethosperse LA-4 (*Glyco*)  
 Hodag L-4 (*Hodag*)  
 Lanycol-30 (*Lanaetex*)  
 Lipal 4LA (*PVO*)  
 Lipocol L-4 (*Lipo*)  
 PEG-4 Lauryl Ether  
 Polyethylene Glycol 200 Lauryl Ether  
 Polyoxyethylene (4) Lauryl Ether  
 Procol LA-4 (*Protameen*)  
 Siponic L-4 (*Alcolac*)

**LAURETH-5**

*RD Number:* 977068-22-6

*Definition:* Laureth-5 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 5.

*Other Names:*

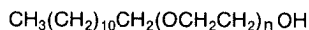
Carsonon L-5 (*Carson*)  
 PEG-5 Lauryl Ether  
 Polyethylene Glycol (5) Lauryl Ether  
 Polyoxyethylene (5) Lauryl Ether

**LAURETH-6**

*RD Number:* 977065-03-4

## Laureth-6 (Cont.)

*Definition:* Laureth-6 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 6.

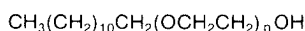
*Other Names:*

AE-1214/6 (*Procter & Gamble*)  
Cyclogol ZBL 6 (*Witco/Cyclo Div*)  
PEG-6 Lauryl Ether  
Polyethylene Glycol 300 Lauryl Ether  
Polyoxyethylene (6) Lauryl Ether

## LAURETH-7

*RD Number:* 977062-41-1

*Definition:* Laureth-7 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 7.

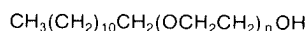
*Other Names:*

Marlipal MG (*Chemische Werke Huels*)  
Polyethylene Glycol (7) Lauryl Ether  
Polyoxyethylene (7) Lauryl Ether

## LAURETH-8

*RD Number:* 977068-23-7

*Definition:* Laureth-8 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 8.

*Information Sources:* MAR

*Other Names:*

PEG-8 Lauryl Ether  
Polyethylene Glycol 400 Lauryl Ether  
Polyoxyethylene (8) Lauryl Ether

## LAURETH-8 PHOSPHATE

*RD Number:* 977065-04-5

*Definition:* Laureth-8 Phosphate is a complex mixture of esters of phosphoric acid and Laureth-8 (q.v.).

*Other Names:*

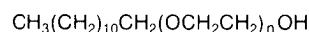
PEG-8 Lauryl Ether Phosphate  
Polyethylene Glycol 400 Lauryl Ether Phosphate  
Polyoxyethylene (8) Lauryl Ether Phosphate  
Protaphos SDA (*Protameen*)

## LAURETH-9

*RD Number:* 977007-24-1

## Laureth-12

*Definition:* Laureth-9 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 9.

*Information Sources:* MI, USAN

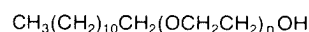
*Other Names:*

Carsonon L-9 (*Carson*)  
Carsonon L-985 (*Carson*)  
Cyclogol ZBL 9 (*Witco/Cyclo Div*)  
Lipal 9LA (*PVO*)  
PEG-9 Lauryl Ether  
Polyethylene Glycol 450 Lauryl Ether  
Polyoxyethylene (9) Lauryl Ether

## LAURETH-10

*RD Number:* 977065-01-2

*Definition:* Laureth-10 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 10.

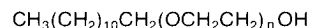
*Other Names:*

Dehydol 100 (*Henkel*)  
PEG-10 Lauryl Ether  
Polyethylene Glycol (10) Lauryl Ether  
Polyoxyethylene (10) Lauryl Ether

## LAURETH-11

*RD Number:* 977069-27-4

*Definition:* Laureth-11 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 11.

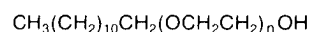
*Other Names:*

Cyclogol ZBL11 (*Witco/Cyclo Div.*)  
Polyethylene Glycol (11) Lauryl Ether  
Polyoxyethylene (11) Lauryl Ether

## LAURETH-12

*RD Number:* 977054-84-4

*Definition:* Laureth-12 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 12.

*Information Sources:* CTFA, SNPF

## Laureth-12 (Cont.)

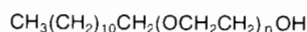
### Other Names:

Carsonon L-12 (*Carson*)  
Ethosperse LA-12 (*Glyco*)  
Lipal 12LA (*PVO*)  
Lipocol L-12 (*Lipo*)  
PEG-12 Lauryl Ether  
Polyethylene Glycol 600 Lauryl Ether  
Polyoxyethylene (12) Lauryl Ether  
Siponic L-12 (*Alcolac*)

## LAURETH-13

RD Number: 977069-28-5

**Definition:** Laureth-13 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 13.

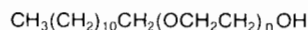
### Other Names:

Cyclogol ZBL13 (*Witco/Cyclo Div.*)  
Polyethylene Glycol (13) Lauryl Ether  
Polyoxyethylene (13) Lauryl Ether

## LAURETH-15

RD Number: 977069-29-6

**Definition:** Laureth-15 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 15.

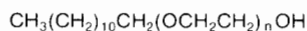
### Other Names:

Cyclogol ZBL15 (*Witco/Cyclo Div.*)  
Polyethylene Glycol (15) Lauryl Ether  
Polyoxyethylene (15) Lauryl Ether

## LAURETH-20

RD Number: 977064-46-2

**Definition:** Laureth-20 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 20.

### Other Names:

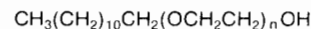
Emalex 720 (*Nihon Emulsion*)  
PEG-20 Lauryl Ether  
Polyethylene Glycol 1000 Lauryl Ether  
Polyoxyethylene (20) Lauryl Ether

## LAURETH-23

RD Number: 977054-85-5

## Laureth-40

**Definition:** Laureth-23 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 23.

**Information Sources:** CTFA, SNPF

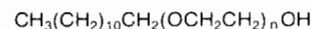
### Other Names:

Brij 35 (*ICI United States*)  
Brij 35SP (*ICI United States*)  
Hodag L-23 (*Hodag*)  
Lipal 23LA (*PVO*)  
Lipocol L-23 (*Lipo*)  
PEG-23 Lauryl Ether  
Polyethylene Glycol (23) Lauryl Ether  
Polyoxyethylene (23) Lauryl Ether  
Procol LA-23 (*Protameen*)  
Siponic L-25 (*Alcolac*)

## LAURETH-25

RD Number: 977069-30-9

**Definition:** Laureth-25 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 25.

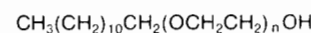
### Other Names:

Cyclogol ZBL25 (*Witco/Cyclo Div.*)  
Polyethylene Glycol (25) Lauryl Ether  
Polyoxyethylene (25) Lauryl Ether

## LAURETH-30

RD Number: 977069-31-0

**Definition:** Laureth-30 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 30.

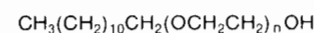
### Other Names:

Cyclogol ZBL30 (*Witco/Cyclo Div.*)  
Polyethylene Glycol (30) Lauryl Ether  
Polyoxyethylene (30) Lauryl Ether

## LAURETH-40

RD Number: 977065-02-3

**Definition:** Laureth-40 is the polyethylene glycol ether of Lauryl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 40.



## Laureth-40 (Cont.)

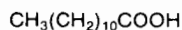
### Other Names:

PEG-40 Lauryl Ether  
Polyethylene Glycol 2000 Lauryl Ether  
Polyoxyethylene (40) Lauryl Ether  
Procol LA-40 (*Protameen*)

## LAURIC ACID

CAS Number: 143-07-7

**Definition:** Lauric Acid is a mixture of fatty acids consisting predominantly of n-dodecanoic acid. It conforms generally to the formula:



**Information Sources:** FCC, MI, SNPF, 21CFR121.1070, 21CFR121.1099

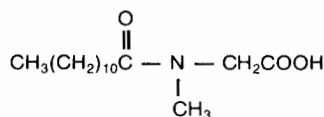
### Other Names:

C-1297 (*Procter & Gamble*)  
n-Dodecanoic Acid  
Hydrofol Acid 1255 (*Ashland*)  
Hydrofol Acid 1295 (*Ashland*)  
Neo-Fat 12 (*Armak*)  
Neo-Fat 12-43 (*Armak*)  
Wecoline 1295 (*PVO*)

## LAUROYL SARCOSINE

CAS Number: 97-78-9

**Definition:** Lauroyl Sarcosine is the N-lauroyl derivative of N-methylglycine that conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2501

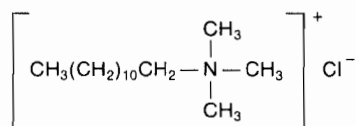
### Other Names:

Hamposyl L (*Hampshire*)  
Maprosyl L (*Onyx*)  
Sarkosyl L (*Ciba-Geigy*)

## LAURTRIMONIUM CHLORIDE

CAS Number: 112-00-5

**Definition:** Laurtrimonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



### Other Names:

Arquad 12-33 (*Armak*)  
Arquad 12-50 (*Armak*)

## Lauryl Diethylenediaminoglycine

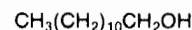
Dehyquart LT (*Henkel*)

Lauryl Trimethyl Ammonium Chloride

## LAURYL ALCOHOL

CAS Number: 112-53-8

**Definition:** Lauryl Alcohol is the aliphatic alcohol that conforms generally to the formula:



**Information Sources:** CTFA, FCC, MI, 21CFR121.1164, 21CFR121.1238, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531

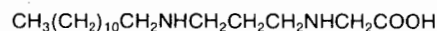
### Other Names:

Alfol 12 (*Conoco*)  
Cachalot L-50 (*Michel*)  
Cachalot L-90 (*Michel*)  
CO-1214 (*Procter & Gamble*)  
CO-1214N (*Procter & Gamble*)  
CO-1214S (*Procter & Gamble*)  
1-Dodecanol  
Lorol 5 (*DuPont*)

## LAURYL AMINOPROPYLGLYCINE

CAS Number: 34395-72-7

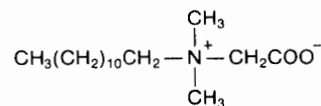
**Definition:** Lauryl Aminopropylglycine is the substituted amino acid that conforms to the formula:



## LAURYL BETAINE

RD Number: 977057-19-4

**Definition:** Lauryl Betaine is the zwitterion (inner salt) that conforms generally to the formula:



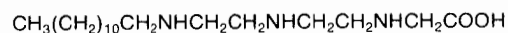
### Other Names:

Lauryl Dimethyl Glycine  
Lonzaine 14 (*Lonza*)  
Product DDN (*DuPont*)  
Varion CDG (*Ashland*)

## LAURYL DIETHYLENEDIAMINOGLYCINE

CAS Number: 6843-97-6

**Definition:** Lauryl Diethylenediaminoglycine is the substituted amino acid that conforms to the formula:



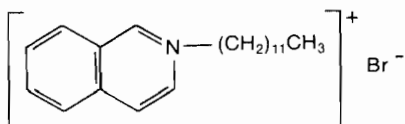
## Lauryl Diethylenediaminoglycine (Cont.)

Information Sources: MI

### LAURYL ISOQUINOLINIUM BROMIDE

CAS Number: 93-23-2

**Definition:** Lauryl Isoquinolinium Bromide is the quaternary ammonium compound that conforms generally to the formula:



**Other Names:**

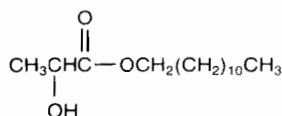
Isothan Q-15 (*Onyx*)

Isothan Q-75 (*Onyx*)

### LAURYL LACTATE

RD Number: 977053-26-1

**Definition:** Lauryl Lactate is the ester of lauryl alcohol and lactic acid. It conforms generally to the formula:



**Other Names:**

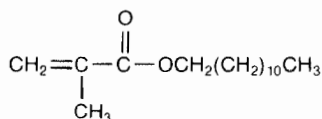
Ceraphyl 31 (*Van Dyk*)

Cyclochem LVL (*Cyclo*)

### LAURYL METHACRYLATE

CAS Number: 142-90-5

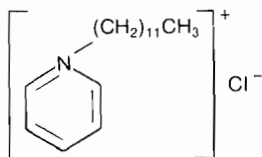
**Definition:** Lauryl Methacrylate is the ester of lauryl alcohol and methacrylic acid. It conforms generally to the formula:



### LAURYL PYRIDINIUM CHLORIDE

CAS Number: 104-74-5

**Definition:** Laurylpyridinium Chloride is the quaternary ammonium compound that conforms generally to the formula:



## Lecithin

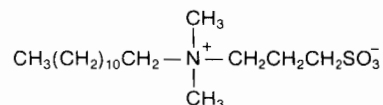
**Other Names:**

Dehyquart C (*Henkel*)

### LAURYL SULTAINE

RD Number: 977064-42-8

**Definition:** Lauryl Sultaine is the zwitterion (inner salt) that conforms generally to the formula:



**Other Names:**

Lauryl Sulfobetaine

Sulfobetaine DLM (*Textilana*)

### LAVENDER OIL

CAS Number: MX8000-28-0

**Definition:** Lavender Oil is the volatile oil obtained from *Lavandula officianalis*.

**Information Sources:** AUS, BEL, BPC, BRA, CZE, DA, EGY, FCC, FIN, HUN, MAR, MI, NF, PF, PN, POR, ROM, SNPF, USD, USSR, YUG, 21CFR121.101

**Other Names:**

Lavender Flowers Oil

Oil of Lavender

### LEAD ACETATE

CAS Number: 301-04-2

**Definition:** Lead Acetate is the inorganic salt that conforms to the formula:



**Information Sources:** ARG, AUS, BPC, BRA, CZE, DDR, EGY, FI, FIN, IND, ITA, MAR, MI, PF, PJ, POR, ROM, YUG, 21CFR8.501

### LECITHIN

CAS Number: MX8002-43-5

**Definition:** Lecithin is a naturally occurring mixture of the diglycerides of stearic, palmitic and oleic acids, linked to the choline ester of phosphoric acid. It is found in living plants and animals.

**Information Sources:** CTFA, ARG, AUS, FCC, MAR, MI, POR, 21CFR121.101, 21CFR121.2514

**Other Names:**

Actiflo (*Central Soya*)

Alcolec D (*American Lecithin*)

Alcolec DS (*American Lecithin*)

Alcolec DS-A (*American Lecithin*)

Alcolec Granules (*American Lecithin*)

Alcolec PSH (*American Lecithin*)

Alcolec 435 (*American Lecithin*)  
 Centrol (*Central Soya*)  
 Centrolene (*Central Soya*)  
 Centrolex (*Central Soya*)  
 Centrophil (*Central Soya*)  
 Kelecin (*Spencer-Kellogg*)

**LEMON EXTRACT**

CAS Number: MX8028-38-4

*Definition:* Lemon Extract is an extract of the lemon, *Citrus limon*.

*Information Sources:* 21CFR121.101

**LEMONGRASS OIL**

CAS Number: MX8007-02-1

*Definition:* Lemongrass Oil is the volatile oil obtained by the steam distillation of fresh *cymbopogon* grasses.

*Information Sources:* FCC, IND, MAR, MI, 21CFR121.101

*Other Names:*  
 Oil of Lemongrass

**LEMON JUICE**

RD Number: 977057-20-7

*Definition:* Lemon Juice is the liquid expressed from the fresh pulp of *Citrus limon*.

*Information Sources:* 21CFR121.101

*Other Names:*  
 Exchange Concentrated Lemon Juice  
 (*Sunkist Growers*)  
 Sunkist California Lemon Juice (*Sunkist Growers*)

**LEMON JUICE POWDER**

RD Number: 977009-34-9

*Definition:* Lemon Juice Powder is the dried juice of lemons.

*Information Sources:* 21CFR121.101

**LEMON OIL**

CAS Number: MX8008-56-8

*Definition:* Lemon Oil is the volatile oil derived from the fresh peel of *Citrus limon*.

*Information Sources:* ARG, AUS, BEL, BPC, BRA, CZE, DDR, EGY, FCC, FI, HUN, IND, ITA, KOR, MAR, MEX, MI, PF, POL, POR, ROM, SNPF, USD, USP, 21CFR121.101

*Other Names:*  
 Exchange Lemon Oil (USP) (*Sunkist Growers*)  
 Oil of Lemon  
 Sunkist California Lemon Oil (*Sunkist Growers*)

**LICORICE**

RD Number: 977004-31-1

*Definition:* Licorice is the dried rhizome and roots of *Glycyrrhiza glabra*.

*Information Sources:* ARG, BEL, BP, BPC, BRA, DA, DDR, EGY, EP, FIN, HUN, IND, MAR, MI, PJ, PN, POL, POR, ROM, USD, USP, USSR, YUG, 21CFR121.101

*Other Names:*  
 Glycyrrhiza  
 Licorice Root

**LIME SULFUR**

CAS Number: MX8028-82-8

*Definition:* Lime Sulfur is a sulfur derivative prepared by boiling sulfur and lime with water.

*Information Sources:* MI, NFXII, USD

*Other Names:*  
 Sulfurated Lime Solution

**LINDEN EXTRACT**

RD Number: 977060-57-3

*Definition:* Linden Extract is an extract of the flowers of the lime tree, *Tilia cordata*.

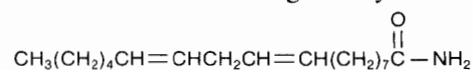
*Information Sources:* 21CFR121.101, 21CFR121.1163

*Other Names:*  
 Lime-Tree Extract

**LINOLEAMIDE**

CAS Number: 3999-01-7

*Definition:* Linoleamide is the aliphatic amide of linoleic acid. It conforms generally to the formula:



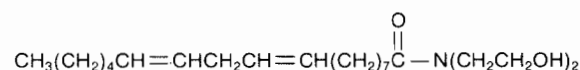
*Information Sources:* 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

*Other Names:*  
 Linoleic Acid Amide

**LINOLEAMIDE DEA**

CAS Number: 27883-12-1

*Definition:* Linoleamide DEA is a mixture of ethanolamides of linoleic acid. It conforms generally to the formula:



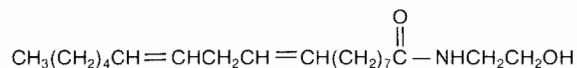
*Other Names:*  
 Aminol LNO (*Finetex*)  
 N,N-Bis (2-Hydroxyethyl)-Linoleamide

Condensate LNO (*Chemical Products*)  
 Cyclomide ND (*Witco/Cyclo Div*)  
 Diethanolamine Linoleic Acid Amide  
 Foamole A (*Van Dyk*)  
 Foamole L (*Van Dyk*)  
 Linoleoyl Diethanolamide  
 Monamid 15-70W (*Mona*)  
 Monamid 150-ADY (*Mona*)  
 Protamide LNO (*Protameen*)  
 Schercomid SLE (*Scher Bros.*)  
 Synotol LO-80 (*PVO*)

**LINOLEAMIDE MEA**

RD Number: 977069-32-1

*Definition:* Linoleamide MEA is a mixture of ethanolamides of linoleic acid. It conforms generally to the formula:



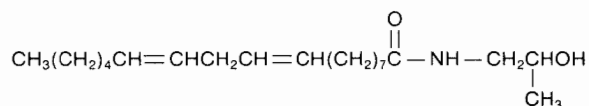
*Other Names:*

Cyclomide NM (*Witco/Cyclo Div.*)  
 N-(2-Hydroxyethyl) Linoleamide  
 Linoleoyl Monoethanolamide  
 Monoethanolamine Linoleic Acid Amide

**LINOLEAMIDE MIPA**

RD Number: 977068-24-8

*Definition:* Linoleamide MIPA is a mixture of isopropanolamides of linoleic acid. It conforms generally to the formula:



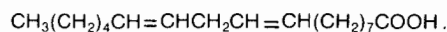
*Other Names:*

Cyclomide NP (*Witco/Cyclo Div*)  
 Linoleoyl Monoisopropanolamide  
 Monamid 835 (*Mona*)  
 Monoisopropanolamine Linoleic Acid Amide

**LINOLEIC ACID**

CAS Number: 60-33-3

*Definition:* Linoleic Acid is the unsaturated aliphatic fatty acid conforming generally to formula:



*Information Sources:* MI, 21CFR121.101

*Other Names:*

Emersol 310 (*Emery*)  
 Emersol 315 (*Emery*)  
 Polylin 155 (*Knapp*)

**LINSEED ACID**

RD Number: 977057-21-8

*Definition:* Linseed Acid is the mixture of alkyl fatty acids derived from Linseed Oil (q.v.).

*Other Names:*

Groco 20 (*Gross, A.*)  
 L-310 (*Procter & Gamble*)  
 Linseed Oil Fatty Acid

**LINSEED OIL**

CAS Number: MX8001-26-1

*Definition:* Linseed Oil is the expressed oil from the dried ripe seed of *Linum usitatissimum*.

*Information Sources:* AUS, BP1963, CZE, DA, DDR, EGY, FI, FIN, HUN, IND, MAR, MI, PN, POL, POR, ROM, YUG, 21CFR121.2005, 21CFR121.2519

**LITHIUM CHLORIDE**

CAS Number: 7447-41-8

*Definition:* Lithium Chloride is the inorganic salt that conforms to the formula:



*Information Sources:* MI

**LITHIUM HYDROXIDE**

CAS Number: 1310-65-2

*Definition:* Lithium Hydroxide is the inorganic base that conforms to the formula:



*Information Sources:* MI, 21CFR121.2548

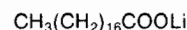
*Other Names:*

Lithium Hydrate

**LITHIUM STEARATE**

CAS Number: 4485-12-5

*Definition:* Lithium Stearate is the lithium salt of stearic acid. It conforms generally to the formula:



*Other Names:*

Plymouth Lithium Stearate #331-10 (*Penick*)

**LOCUST BEAN GUM**

*CAS Number:* PM9000-40-2

*Definition:* Locust Bean Gum is the ground meal of the ripe fruit of St. John's Bread (*Ceratonia siliqua*).

*Information Sources:* FCC, MAR, MI, 21CFR121.101, 21CFR121.104

*Other Names:*

- Algaroba
- Carob Bean Gum
- Carob Flour
- Ceratonia
- Saint John's Bread
- Supercol (*General Mills*)

**LOVAGE OIL**

*CAS Number:* MX8016-31-7

*Definition:* Lovage Oil is the volatile oil distilled from *Levisticum officinale*.

*Information Sources:* FCC, 21CFR121.1163

*Other Names:*

- Oil of Lovage

**MAGNESIUM ALUMINUM SILICATE**

CAS Number: 1327-43-1

*Definition:* Magnesium Aluminum Silicate is a complex silicate refined from naturally occurring minerals.

*Information Sources:* CTFA, BPC, DDR, MAR, MI

*Other Names:*

Aluminum Magnesium Silicate  
Veegum F (*Vanderbilt*)  
Veegum HV (*Vanderbilt*)  
Veegum K (*Vanderbilt*)  
Veegum Regular (*Vanderbilt*)  
Veegum Special (*Vanderbilt*)

**MAGNESIUM CARBONATE**

CAS Number: 546-93-0

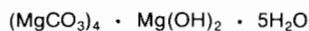
*Definition:* Magnesium Carbonate is a basic dehydrated magnesium carbonate or a normal hydrated magnesium carbonate.

*Information Sources:* CTFA, ARG, AUS, BP, BPC, BRA, CI 77713, DA, EP, FCC, FIN, HUN, IND, ITA, MAR, MI, NF, PF, PJ, PN, POR, ROM, USD, USSR, 21CFR121.101, 21CFR121.2562

**MAGNESIUM CARBONATE HYDROXIDE**

CAS Number: 1319-50-2

*Definition:* Magnesium Carbonate Hydroxide is an inorganic basic carbonate that conforms generally to the formula:



*Information Sources:* DDR, EGY, HP, MI, PF, YUG

*Other Names:*

Magnesite

**MAGNESIUM COCOATE**

RD Number: 977063-09-4

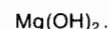
*Definition:* Magnesium Cocoate is the magnesium salt of Coconut Acid (q.v.).

*Information Sources:* 21CFR121.2531

**MAGNESIUM HYDROXIDE**

CAS Number: 1309-42-8

*Definition:* Magnesium Hydroxide is an inorganic base that conforms to the formula:



*Information Sources:* ARG, BPC, FCC, KOR, MAR, MI, NF, NFJ, PF, USD, USP, 21CFR121.101

**MAGNESIUM LANOLATE**

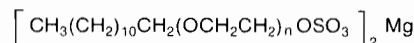
RD Number: 977064-40-6

*Definition:* Magnesium Lanolate is the magnesium salt of Lanolin Acid (q.v.).

**MAGNESIUM LAURETH SULFATE**

RD Number: 977069-33-2

*Definition:* Magnesium Laureth Sulfate is the magnesium salt of sulfated ethoxylated lauryl alcohol that conforms generally to the formula:



where n has an average value of 1 to 4.

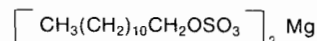
*Other Names:*

Cycloryl GD (*Witco/Cyclo Div.*)  
Magnesium Lauryl Ether Sulfate

**MAGNESIUM LAURYL SULFATE**

CAS Number: 3097-08-3

*Definition:* Magnesium Lauryl Sulfate is the magnesium salt of lauryl sulfate that conforms to the formula:



*Information Sources:* CTFA, SNPF, 21CFR121.2507, 21CFR121.2526

*Other Names:*

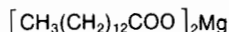
Carsonol MLS (*Carson*)  
Conoco Sulfate M (*Continental Chemical*)  
Cycloryl GA (*Witco/Cyclo Div.*)  
Cycloryl MG (*Cyclo*)  
Maprofix MG (*Onyx*)  
Sipon LM (*Alcolac*)  
Stepanol MG (*Stepan*)

**MAGNESIUM MYRISTATE**

RD Number: 977057-22-9

## Magnesium Myristate (Cont.)

*Definition:* Magnesium Myristate is the magnesium salt of myristic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.1071, 21CFR121.2531

## MAGNESIUM OXIDE

*CAS Number:* 1309-48-4

*Definition:* Magnesium Oxide is the inorganic oxide that conforms generally to the formula:

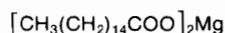


*Information Sources:* CTFA, AUS, BP, BPC, BRA, CZE, CI 77711, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, YUG, 21CFR121.101, 21CFR121.2514, 21CFR121.2562

## MAGNESIUM PALMITATE

*CAS Number:* 2601-98-1

*Definition:* Magnesium Palmitate is the magnesium salt of palmitic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.1071, 21CFR121.2514, 21CFR121.2531

## MAGNESIUM SILICATE

*CAS Number:* 1343-88-0

*Definition:* Magnesium Silicate is an inorganic salt of variable composition which consists mainly of



*Information Sources:* CTFA, FCC, MI, PN, 21CFR121.101

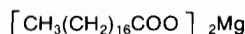
*Other Names:*

Britesorb 90 (*Philadelphia Quartz*)  
Celkate T-21 (*Johns-Manville*)

## MAGNESIUM STEARATE

*CAS Number:* 557-04-0

*Definition:* Magnesium Stearate is the magnesium salt of stearic acid. It conforms generally to the formula:



*Information Sources:* CTFA, AUS, BP, BPC, BRA, CZE, FCC, HUN, ITA, MAR, MI, PN, POR,

## Maleic Anhydride

SNPF, USD, USP, 21CFR121.101, 21CFR121.1071, 21CFR121.1099, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

*Other Names:*

Magnesium Octadecanoate  
Plymouth Magnesium Stearate (*Penick*)  
Witco Magnesium Stearate U.S.P. (*Witco*)

## MAGNESIUM SULFATE

*CAS Number:* 10034-99-8

*Definition:* Magnesium Sulfate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, YUG, 21CFR121.101

## MAGNESIUM TALLOWATE

*RD Number:* 977063-10-7

*Definition:* Magnesium Tallowate is the magnesium salt of Tallow Acid (q.v.).

## MAGNESIUM TRISILICATE

*CAS Number:* 1343-90-4

*Definition:* Magnesium Trisilicate is the inorganic compound that conforms generally to the formula:

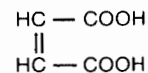


*Information Sources:* ARG, AUS, BP, BPC, BRA, EGY, HUN, IND, MAR, MEX, MI, NFJ, PJ, PN, USD, USP, YUG

## MALEIC ACID

*CAS Number:* 110-16-7

*Definition:* Maleic Acid is the cis unsaturated organic acid that conforms to the formula:



*Information Sources:* CTFA, BP, BPC, EGY, IND, MAR, MI, 21CFR121.2507, 21CFR121.2520

*Other Names:*

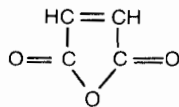
cis-Butenedioic Acid

## MALEIC ANHYDRIDE

*CAS Number:* 108-31-6

*Definition:* Maleic Anhydride is the organic anhydride that conforms to the formula:

## Maleic Anhydride (Cont.)



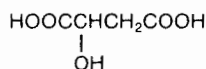
*Information Sources:* CTFA, MI, 21CFR121.2522

*Other Names:*  
Antiracidol

## MALIC ACID

*CAS Number:* 97-67-6

*Definition:* Malic Acid is the organic acid that conforms to the formula:



*Information Sources:* CTFA, FCC, IND, MAR, MI, 21CFR121.101

*Other Names:*  
Hydroxysuccinic Acid

## MALLOW EXTRACT

*RD Number:* 977056-05-9

*Definition:* Mallow Extract is an extract of the leaves and flowers of *Malva silvestris*.

*Information Sources:* ARG

*Other Names:*  
Mallow Blossom Extract

## MALT EXTRACT

*CAS Number:* MX8002-48-0

*Definition:* Malt Extract is the dark syrup obtained by evaporating an aqueous extract of partially germinated and dried barley seeds.

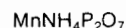
*Information Sources:* BPC, BRA, EGY, IND, MAR, NED, NFJ, 21CFR121.101

*Other Names:*  
Malt Extract (*Premier Malt Products*)

## MANGANESE VIOLET

*CAS Number:* 10101-66-3

*Definition:* Manganese Violet is the inorganic salt that conforms generally to the formula:



*Information Sources:* CI 77742, 21CFR8.501

*Other Names:*  
Ammonium Manganese Pyrophosphate  
C43-001 Mango Violet (*Sun*)  
C43-3001 Mango Violet (*Sun*)

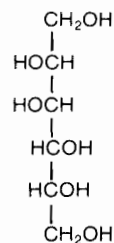
## MDM Hydantoin

Manganese Ammonium Pyrophosphate  
Mango Violet (*Sun*)  
Mango Violet C43-001 (*Sun*)  
Mango Violet C43-3001 (*Sun*)  
Pur Manganese Violet 3512 (*Thomasset*)  
3512 Pur Manganese Violet (*Thomasset*)

## MANNITOL

*CAS Number:* 69-65-8

*Definition:* Mannitol is the hexahydric alcohol that conforms to the formula:



*Information Sources:* BP, BPC, BRA, FCC, ITA, KOR, MAR, MI, NFXII, POR, USD, USP, 21CFR121.101, 21CFR121.4005

## MATRICARIA EXTRACT

*RD Number:* 977060-34-6

*Definition:* Matricaria Extract is an extract of the flowerheads of *Matricaria chamomilla*.

*Information Sources:* MI, 21CFR121.101

*Other Names:*  
Chamomile Extract, German  
German Chamomile Extract  
Wild Chamomile Extract

## MATRICARIA OIL

*CAS Number:* MX8002-66-2

*Definition:* Matricaria Oil is the volatile oil distilled from the dried flower heads of *Matricaria chamomilla*.

*Information Sources:* AUS, FCC, HUN, 21CFR121.101

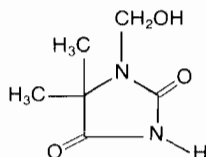
*Other Names:*  
Chamomile Oil, German  
Chamomile Oil, Hungarian  
Chamomile Oil, Wild  
German Chamomile Oil  
German Chamomile Oil  
Hungarian Chamomile Oil  
Wild Chamomile Oil

## MDM HYDANTOIN

*RD Number:* 977053-13-6

*Definition:* MDM Hydantoin is the organic compound that conforms to the formula:





Information Sources: CTFA, MI

Other Names:

Dantoin MDMH (*Glyco*)  
1-(Hydroxymethyl)-5,5-Dimethyl Hydantoin  
MDMH  
Monomethylol Dimethyl Hydantoin

### MEA-LAURETH SULFATE

RD Number: 977067-77-8

Definition: MEA-Laureth Sulfate is the monoethanolamine salt of an ethoxylated lauryl alcohol sulfate that conforms generally to the formula:



where n has an average value of 1 to 4.

Other Names:

Alkposal MLES-35 (*Chem-Y*)  
Monoethanolamine Lauryl Ether Sulfate

### MEA-LAURYL SULFATE

RD Number: 977065-06-7

Definition: MEA-Lauryl Sulfate is the monoethanolamine salt of sulfated lauryl alcohol. It conforms generally to the formula:



Information Sources: SNPF

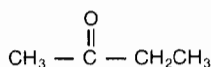
Other Names:

Cycloryl SA (*Witco/Cyclo Div*)  
Monoethanolamine Lauryl Sulfate  
Standapol MLS (*Henkel*)  
Sterling WAME (*Canada Packers*)  
Texapon MLS (*Henkel*)

### MEK

CAS Number: 78-93-3

Definition: MEK is the aliphatic ketone that conforms to the formula:



Information Sources: FCC, MI, 21CFR121.2507, 21CFR121.2520, 21CFR121.2569

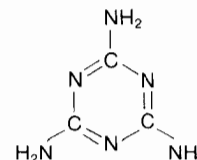
Other Names:

2-Butanone  
Methyl Ethyl Ketone

### MELAMINE

CAS Number: 108-78-1

Definition: Melamine is the heterocyclic triazine that conforms to the formula:

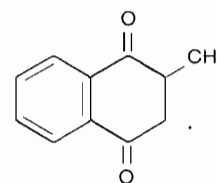


Information Sources: MI, 21CFR121.2520

### MENADIONE

CAS Number: 58-27-5

Definition: Menadione is the polycyclic aromatic compound that conforms to the formula:



Information Sources: BRA, EP, ITA, MEX, MI, NF, PF, USD

Other Names:

Vitamin K3

### MENHADEN OIL

CAS Number: MX8002-50-4

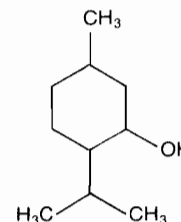
Definition: Menhaden Oil is the oil obtained from the small North Atlantic fish, *Brevoortia tyrannis*.

Information Sources: MI, 21CFR121.2535

### MENTHOL

CAS Number: 89-78-1

Definition: Menthol is the diterpene that conforms to the formula:



Information Sources: CTFA, ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, NED, PF, PJ, PN, POR, ROM, USD, USP, USSR, YUG, 21CFR121.101, 21CFR121.1164

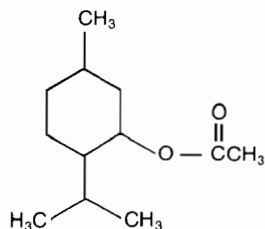
Other Names:

l-Menthol  
Racemic Menthol

**MENTHYL ACETATE**

CAS Number: 89-48-5

*Definition:* Menthyl Acetate is the ester of menthol and acetic acid. It conforms to the formula:

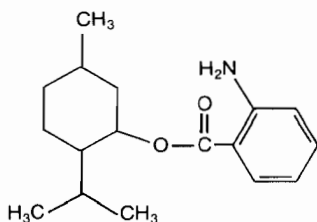


*Information Sources:* MI, 21CFR121.101, 21CFR121.1164

**MENTHYL ANTHRANILATE**

CAS Number: 134-09-8

*Definition:* Menthyl Anthranilate is the ester of menthol and o-anthranilic acid. It conforms to the formula:

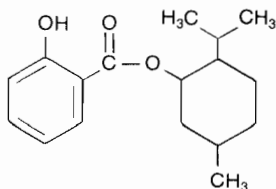


*Other Names:*  
Menthyl-o-Aminobenzoate

**MENTHYL SALICYLATE**

CAS Number: 89-46-3

*Definition:* Menthyl Salicylate is the ester of menthol and salicylic acid. It conforms to the formula:



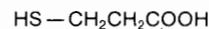
*Information Sources:* MAR, MI

*Other Names:*  
Filtrol (*Compagnie Parento*)

**MERCAPTOPROPIONIC ACID**

CAS Number: 107-96-0

*Definition:* Mercaptopropionic Acid is the organic acid that conforms to the formula:



*Other Names:*

$\beta$ -Mercaptopropionic Acid  
3-Mercaptopropionic Acid

**MERCURIC OXIDE**

CAS Number: 1344-45-2

*Definition:* Mercuric Oxide is the inorganic oxide that conforms to the formula:



*Information Sources:* ARG, BPC, BRA, CI77760, CZE, DDR, EGY, HUN, IND, ITA, KOR, MAR, MEX, MI, NFXIII, POR, USSR, WHO, YUG

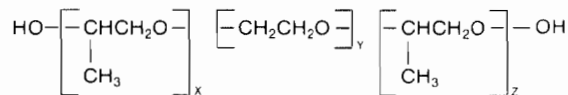
*Other Names:*

Red Mercuric Oxide  
Yellow Mercuric Oxide

**MEROXAPOL 105**

RD Number: 977066-22-0

*Definition:* Meroxapol 105 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 7, 22 and 7.

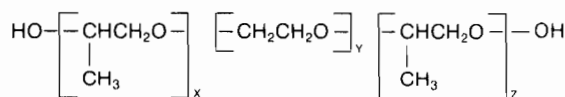
*Other Names:*

Pluronic R 10 R5 (*BASF-Wyandotte*)

**MEROXAPOL 108**

RD Number: 977066-23-1

*Definition:* Meroxapol 108 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 7, 91 and 7.

*Other Names:*

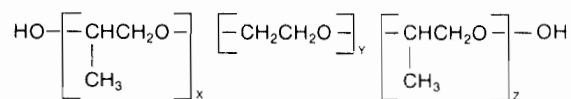
Pluronic R 10 R8 (*BASF-Wyandotte*)

## Meroxapol 171

### MEROXAPOL 171

RD Number: 977066-24-2

**Definition:** Meroxapol 171 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 12, 4 and 12.

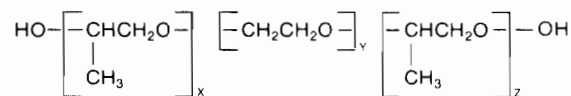
**Other Names:**

Pluronic R 17 R1 (BASF-Wyandotte)

### MEROXAPOL 172

RD Number: 977066-25-3

**Definition:** Meroxapol 172 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 12, 9 and 12.

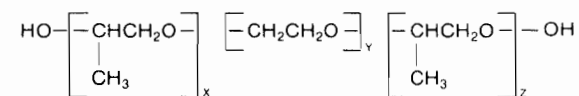
**Other Names:**

Pluronic R 17 R2 (BASF-Wyandotte)

### MEROXAPOL 174

RD Number: 977066-26-4

**Definition:** Meroxapol 174 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 12, 23 and 12.

**Other Names:**

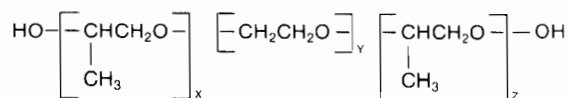
Pluronic R 17 R4 (BASF-Wyandotte)

### MEROXAPOL 178

RD Number: 977066-27-5

**Definition:** Meroxapol 178 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:

## Meroxapol 254



in which the average values of x, y and z are respectively 12, 136 and 12.

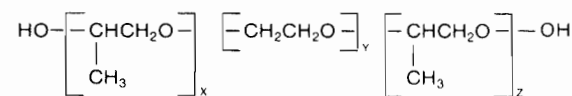
**Other Names:**

Pluronic R 17 R8 (BASF-Wyandotte)

### MEROXAPOL 251

RD Number: 977066-28-6

**Definition:** Meroxapol 251 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 18, 6 and 18.

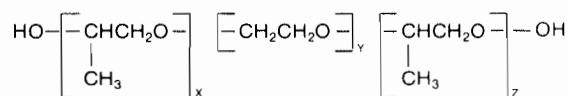
**Other Names:**

Pluronic R 25 R1 (BASF-Wyandotte)

### MEROXAPOL 252

RD Number: 977066-29-7

**Definition:** Meroxapol 252 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 18, 14 and 18.

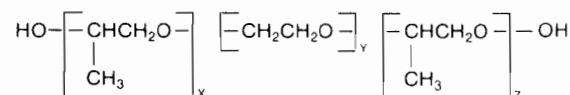
**Other Names:**

Pluronic R 25 R2 (BASF-Wyandotte)

### MEROXAPOL 254

RD Number: 977066-30-0

**Definition:** Meroxapol 254 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 18, 34 and 18.

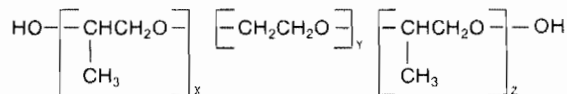
*Other Names:*

Pluronic R 25 R4 (BASF-Wyandotte)

**MEROXAPOL 255**

RD Number: 977066-31-1

*Definition:* Meroxapol 255 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 18, 51 and 18.

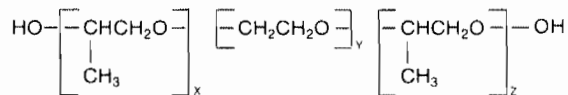
*Other Names:*

Pluronic R 25 R5 (BASF-Wyandotte)

**MEROXAPOL 258**

RD Number: 977066-32-2

*Definition:* Meroxapol 258 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 18, 163 and 18.

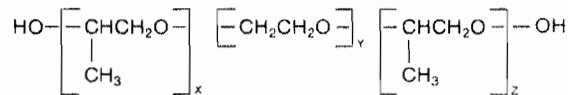
*Other Names:*

Pluronic R 25 R8 (BASF-Wyandotte)

**MEROXAPOL 311**

RD Number: 977066-33-3

*Definition:* Meroxapol 311 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 21, 7 and 21.

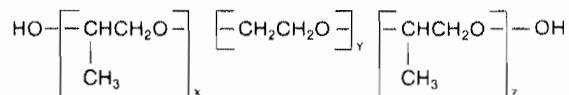
*Other Names:*

Pluronic R 31 R1 (BASF-Wyandotte)

**MEROXAPOL 312**

RD Number: 977066-34-4

*Definition:* Meroxapol 312 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 21, 15, and 21.

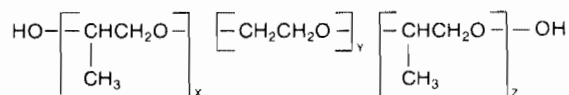
*Other Names:*

Pluronic R 31 R2 (BASF-Wyandotte)

**MEROXAPOL 314**

RD Number: 977066-35-5

*Definition:* Meroxapol 314 is the polyoxypropylene, polyoxyethylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 21, 39 and 21.

*Other Names:*

Pluronic R 31 R4 (BASF-Wyandotte)

**METHENAMINE**

CAS Number: 100-97-0

*Definition:* Methenamine is the organic amine that conforms to the formula:



*Information Sources:* AUS, BRA, CZE, DA, DDR, EGY, FIN, HUN, MI, NF, PF, POR, USD, YUG, 21CFR121.2520, 21CFR121.2526, 21CFR121.2550, 21CFR121.2571, 21CFR121.2587

*Other Names:*

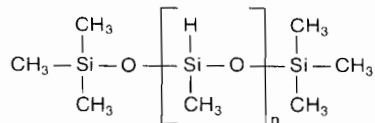
Hexamethyleneamine  
Hexamethylene Tetramine

**METHICONE**

CAS Number: PM9004-73-3

*Definition:* Methicone is a linear monomethyl polysiloxane. It conforms generally to the formula:

## Methicone (Cont.)



Information Sources: 21CFR121.2507,  
21CFR121.2520

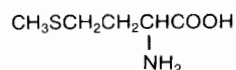
### Other Names:

Dow Corning 1107 Fluid (Dow Corning)  
Hydrogen Methyl Polysiloxane  
Methyl Hydrogen Polysiloxane  
Silicone KF-99 (Shin-Etsu)  
Silicone 1107 Fluid (Dow Corning)

## METHIONINE

CAS Number: 59-51-8

Definition: Methionine is the amino acid that conforms to the formula:

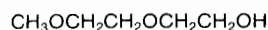


Information Sources: AUS, BRA, CZE, DA, DDR,  
FCC, ITA, MAR, MI, NF, PJ, USD,  
21CFR121.101, 21CFR121.1002

## METHOXYDIGLYCOL

CAS Number: 111-77-3

Definition: Methoxydiglycol is the aliphatic ether alcohol that conforms to the formula:



Information Sources: CTFA, MI, 21CFR121.2520

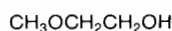
### Other Names:

Diethylene Glycol Monomethyl Ether  
2-(2-Methoxyethoxy) Ethanol  
Methyl Carbitol (Union Carbide)

## METHOXYETHANOL

CAS Number: 109-86-4

Definition: Methoxyethanol is the aliphatic ether alcohol that conforms to the formula:



Information Sources: CTFA, MI, 21CFR121.2520

### Other Names:

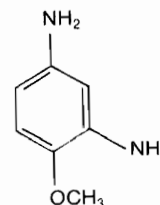
Dowanol EM (Dow)  
Ethylene Glycol Monomethyl Ether  
2-Methoxyethanol  
Methyl Cellosolve (Union Carbide)  
Monomethyl Ethylene Glycol Ether

## 4-Methoxytoluene-2,5-Diamine HCl

### 4-METHOXY-m-PHENYLENEDIAMINE

CAS Number: 615-05-4

Definition: 4-Methoxy-m-Phenylenediamine is the substituted aromatic amine that conforms to the formula:



Information Sources: CI76050

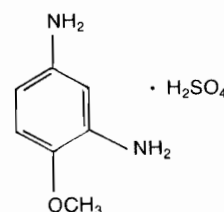
### Other Names:

2,4-Diaminoanisole

### 4-METHOXY-m-PHENYLENEDIAMINE SULFATE

CAS Number: 6219-67-6

Definition: 4-Methoxy-m-Phenylenediamine Sulfate is the substituted aromatic amine salt that conforms to the formula:



Information Sources: CI76051

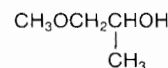
### Other Names:

2,4-Diaminoanisole Sulfate

### METHOXYPROPANOL

CAS Number: 107-98-2

Definition: Methoxypropanol is the aliphatic ether alcohol that conforms to the formula:



### Other Names:

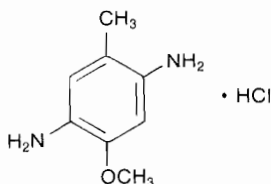
Dowanol PM (Dow)  
Propylene Glycol Monomethyl Ether

### 4-METHOXYTOLUENE-2,5-DIAMINE HCl

RD Number: 977068-67-9

Definition: 4-Methoxytoluene-2,5-Diamine HCl is the aromatic amine that conforms to the formula:

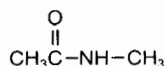
#### 4-Methoxytoluene-2,5-Diamine HCl (Cont.)



#### METHYL ACETAMIDE

CAS Number: 79-16-3

*Definition:* Methyl Acetamide is the substituted amide of acetic acid that conforms to the formula:



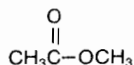
*Other Names:*

N-Methyl Acetamide

#### METHYL ACETATE

CAS Number: 79-20-9

*Definition:* Methyl Acetate is the ester of methyl alcohol and acetic acid. It conforms to the formula:

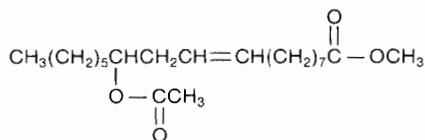


*Information Sources:* MI, 21CFR121.1164, 21CFR121.2520

#### METHYL ACETYL RICINOLEATE

CAS Number: 140-03-4

*Definition:* Methyl Acetyl Ricinoleate is the methyl ester of acetyl ricinoleic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.2520

*Other Names:*

Flexricin P-4 (NL Industries)

#### METHYL ALCOHOL

CAS Number: 67-56-1

*Definition:* Methyl Alcohol is the aliphatic alcohol that conforms to the formula:

#### Methylbenzethonium Chloride

CH<sub>3</sub>OH

*Information Sources:* EGY, FCC, MAR, MI, NF, 21CFR121.1044, 21CFR121.2519, 21CFR121.2520, 21CFR121.2557, 21CFR121.2571, 21CFR121.2576, 27CFR212.82

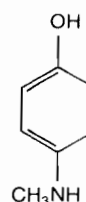
*Other Names:*

Methanol

#### p-METHYLAMINOPHENOL

RD Number: 977052-23-0

*Definition:* p-Methylaminophenol is the substituted phenol that conforms to the formula:



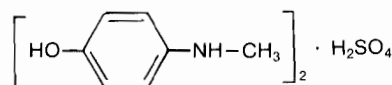
*Other Names:*

Para-Methylaminophenol

#### p-METHYLAMINOPHENOL SULFATE

CAS Number: 55-55-0

*Definition:* p-Methylaminophenol Sulfate is the substituted phenol that conforms to the formula:



*Information Sources:* MI

*Other Names:*

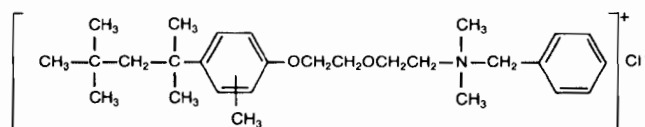
Metol

Para-Methylamino Phenol Sulfate

#### METHYLBENZETHONIUM CHLORIDE

CAS Number: 25155-18-4

*Definition:* Methylbenzethonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



*Information Sources:* CTFA, KOR, MAR, MI, NF, USD

## Methylbenzethonium Chloride (Cont.)

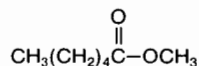
### Other Names:

Diisobutyl Cresoxy Ethoxy Ethyl Dimethyl  
Benzyl Ammonium Chloride  
Hyamine 10X (Rohm & Haas)

## METHYL CAPROATE

CAS Number: 106-70-7

*Definition:* Methyl Caproate is the ester of methyl alcohol and caproic acid. It conforms generally to the formula:



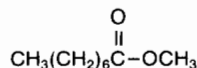
### Other Names:

Methyl Hexanoate

## METHYL CAPRYLATE

CAS Number: 111-11-5

*Definition:* Methyl Caprylate is the ester of methyl alcohol and caprylic acid. It conforms generally to the formula:



### Other Names:

Methyl Octanoate

## METHYLCELLULOSE

CAS Number: PM9004-67-5

*Definition:* Methylcellulose is the methyl ether of cellulose.

*Information Sources:* CTFA, AUS, BP, BPC, BRA, FCC, HUN, ITA, MAR, MI, NFJ, PJ, ROM, USD, USP, 21CFR121.101, 21CFR121.2514, 21CFR121.2520, 21CFR121.2557

### Other Names:

Cellulose Methyl Ether  
Methocel MC (Dow)

## METHYLENE CHLORIDE

CAS Number: 75-09-2

*Definition:* Methylene Chloride is the halogenated organic compound that conforms to the formula:



*Information Sources:* CTFA, FCC, MAR, MI, ROM, 21CFR121.1039, 21CFR121.2520

### Other Names:

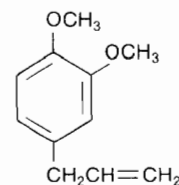
Dichloromethane

## Methyl Hydrogenated Rosinate

## METHYL EUGENOL

CAS Number: 93-15-2

*Definition:* Methyl Eugenol is the aromatic compound that conforms to the formula:

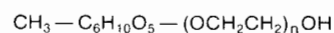


*Information Sources:* FCC

## METHYL GLUCETH-10

RD Number: 977065-07-8

*Definition:* Methyl Gluceth-10 is the polyethylene glycol ether of methyl glucose that conforms generally to the formula:



where n has an average value of 10.

### Other Names:

Glucam E-10 (Amerchol)

## METHYL GLUCETH-20

RD Number: 977065-08-9

*Definition:* Methyl Gluceth-20 is the polyethylene glycol ether of methyl glucose that conforms generally to the formula:



where n has an average value of 20.

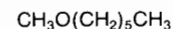
### Other Names:

Glucam E-20 (Amerchol)

## METHYL HEXYL ETHER

RD Number: 977057-24-1

*Definition:* Methyl Hexyl Ether is the aliphatic ether that conforms to the formula:



## METHYL HYDROGENATED ROSINATE

RD Number: 977064-44-0

*Definition:* Methyl Hydrogenated Rosinate is the ester of methyl alcohol and the hydrogenated mixed long chain acids derived from rosin.

*Information Sources:* FCC

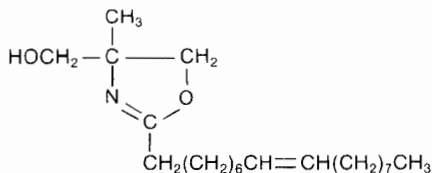
## Methyl Hydrogenated Rosinate (Cont.)

*Other Names:*  
Hercolyn D (*Hercules*)

## METHYL HYDROXYMETHYL OLEYL OXAZOLINE

*RD Number:* 977066-36-6

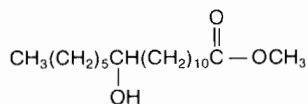
*Definition:* Methyl Hydroxymethyl Oleyl Oxazoline is the substituted heterocyclic compound that conforms generally to the formula:



## METHYL HYDROXYSTEARATE

*CAS Number:* 141-23-1

*Definition:* Methyl Hydroxystearate is the ester of methyl alcohol and Hydroxystearic Acid (q.v.). It conforms to the formula:



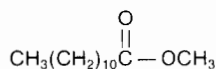
*Information Sources:* 21CFR121.2519

*Other Names:*  
Emery 2242 (*Emery*)  
Methyl 12-Hydroxystearate

## METHYL LAURATE

*CAS Number:* 111-82-0

*Definition:* Methyl Laurate is the ester of methyl alcohol and lauric acid. It conforms to the formula:



*Information Sources:* 21CFR121.1164

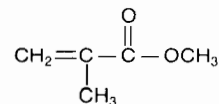
*Other Names:*  
CE-1270 (*Procter & Gamble*)  
CE-1280 (*Procter & Gamble*)  
CE-1290 (*Procter & Gamble*)  
CE-1295 (*Procter & Gamble*)

## METHYL METHACRYLATE

*CAS Number:* 80-62-6

*Definition:* Methyl Methacrylate is the ester of methyl alcohol and methacrylic acid. It conforms to the formula:

## Methylparaben

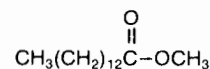


*Information Sources:* MI, 21CFR121.2514

## METHYL MYRISTATE

*CAS Number:* 124-10-7

*Definition:* Methyl Myristate is the ester of methyl alcohol and myristic acid. It conforms generally to the formula:



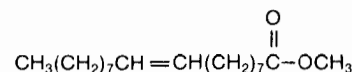
*Information Sources:* 21CFR121.224,  
21CFR121.1164

*Other Names:*  
CE-1495 (*Procter & Gamble*)

## METHYL OLEATE

*CAS Number:* 112-62-9

*Definition:* Methyl Oleate is the ester of methyl alcohol and oleic acid. It conforms generally to the formula:



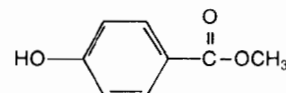
*Information Sources:* MI, 21CFR121.224,  
21CFR121.2520, 21CFR121.2557

*Other Names:*  
Estol 002 (*Price's*)  
Grocor 8008 (*Gross, A.*)  
Grocor 8024 (*Gross, A.*)  
JA-FA MO (*Jahres Fabrikker*)  
Stepan C-68 (*Stepan*)

## METHYL PARABEN

*CAS Number:* 99-76-3

*Definition:* Methylparaben is the ester of methyl alcohol and p-hydroxybenzoic acid. It conforms to the formula:



*Information Sources:* CTFA, AUS, BP, BPC, BRA,  
CZE, DA, DDR, EGY, FCC, FIN, HUN, IND,



## Methylparaben (Cont.)

ITA, MAR, MEX, MI, PN, POR, ROM, USD,  
USP, YUG, 21CFR121.101, 21CFR121.104,  
21CFR121.1164, 21CFR121.2005

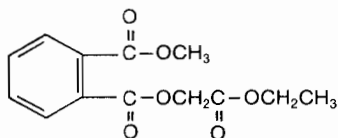
### Other Names:

Aseptiform (*Greeff*)  
Betacide M (*Beta*)  
Methyl p-Hydroxy Benzoate  
Methyl Parahydroxy Benzoate  
Methyl Parasept (*Tenneco*)  
Nipagin M (*Nipa*)  
Protaben M (*Protameen*)  
Tegosept M (*Inolex*)

## METHYL PHTHALYL ETHYL GLYCOLATE

CAS Number: 85-71-2

*Definition:* Methyl Phthalyl Ethyl Glycolate is the ester that conforms to the formula:



*Information Sources:* CTFA, 21CFR121.2520

## METHYLPROPYLCELLULOSE

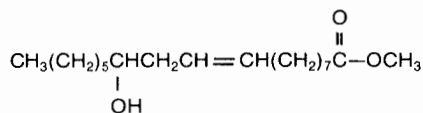
RD Number: 977057-25-2

*Definition:* Methylpropylcellulose is a methyl/propyl ether of cellulose.

## METHYL RICINOLEATE

CAS Number: 141-24-2

*Definition:* Methyl Ricinoleate is the ester of methyl alcohol and ricinoleic acid. It conforms generally to the formula:



*Information Sources:* 21CFR121.2520

### Other Names:

Castor Oil Acid, Methyl Ester  
Flexricin P-1 (*NL Industries*)

## METHYL ROSINATE

RD Number: 977065-09-0

*Definition:* Methyl Rosinate is the methyl ester of acids recovered from Rosin (q.v.).

### Other Names:

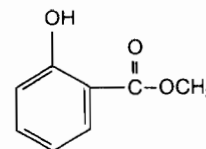
Abalyn (*Hercules*)

## Microcrystalline Wax

## METHYL SALICYLATE

CAS Number: 119-36-8

*Definition:* Methyl Salicylate is the ester of methyl alcohol and salicylic acid. It conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DDR, EGY, EP, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, POR, ROM, USD, USP, USSR, YUG, 21CFR121.2520, 21CFR121.2591

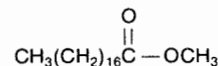
### Other Names:

Birch Oil, Sweet  
Oil of Wintergreen  
Sweet Birch Oil

## METHYL STEARATE

CAS Number: 112-61-8

*Definition:* Methyl Stearate is the ester of methyl alcohol and stearic acid. It conforms to the formula:



*Information Sources:* MI, 21CFR121.224, 21CFR121.2531

### Other Names:

JA-FA MS (*Jahres Fabrikker*)

## MICA

CAS Number: 12001-26-2

*Definition:* Mica is a series of silicate minerals of varying chemical composition but with similar physical properties. Mica has well-defined cleavage, and splits into very thin sheets.

*Information Sources:* CTFA, CI77019, 21CFR8.501, 21CFR121.2514, 21CFR121.2562, 21CFR121.2587

### Other Names:

Mica, Cosmetic, BC 280 (*Whittaker, Clark & Daniels*)  
Muscovite Mica

## MICROCRYSTALLINE WAX

RD Number: 977052-84-8

*Definition:* Microcrystalline Wax is a wax derived from petroleum and characterized by the fineness of its crystals in distinction to the larger crystals of

paraffin wax. It consists of high molecular weight saturated aliphatic hydrocarbons.

*Information Sources:* CTFA, SNPF

*Other Names:*

Bareco BE Square Wax (*Bareco*)  
Eskar Wax MY-65 (*Amoco*)  
Micro Wax (*International Wax*)  
Multiwax (*Witco*)  
Multiwax ML 445 (*Witco*)  
Multiwax W-445 (*Witco*)  
Multiwax W-835 (*Witco*)  
Multiwax X-145 (*Witco*)  
Multiwax 195M (*Witco*)  
Ozotex (*Salomon & Bro.*)  
Petroleum Wax, Microcrystalline

## MILK

*CAS Number:* MX8049-98-7

*Definition:* Milk is whole milk from cows.

*Information Sources:* MI, 21CFR18.2

## MILK PROTEIN

*CAS Number:* PM9000-71-9

*Definition:* Milk Protein is a mixture of proteins obtained from cow's milk. It consists predominantly of the phosphoprotein, casein.

*Information Sources:* HUN, MAR, MI, PJ, 21CFR121.101

*Other Names:*

Cascoloid ST-62 (*Borden*)  
Casein  
Savortone Edible (*Western Dairy Products*)

## MINERAL OIL

*CAS Number:* MX8012-95-1 (USP)

*RD Number:* 977000-13-7 (NF)

*RD Number:* 977062-87-5 (TECH)

*Definition:* Mineral Oil is a liquid mixture of hydrocarbons obtained from petroleum.

*Information Sources:* CTFA, AUS, BEL, BRA, CZE, DA, DDR, FCC, FI, FIN, HUN, IND, ITA, KOR, MAR, MEX, MI, NF, PF, PJ, PN, POR, ROM, SNPF, USD, USP, 21CFR121.246, 21CFR121.1099, 21CFR121.1146, 21CFR121.2507, 21CFR121.2511, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2531, 21CFR121.2535, 21CFR121.2553, 21CFR121.2557, 21CFR121.2562, 21CFR121.2578, 21CFR121.2589

*Other Names:*

Heavy Mineral Oil  
Light Mineral Oil  
Liquid Paraffin

## USP

Amoco White Mineral Oil #18 USP (*Amoco*)  
Amoco White Mineral Oil #21 USP (*Amoco*)  
Amoco White Mineral Oil #31 USP (*Amoco*)  
Amoco White Mineral Oil #35 USP (*Amoco*)  
Drakeol 19 (*Penreco*)  
Drakeol 21 (*Penreco*)  
Drakeol 32 (*Penreco*)  
Drakeol 33 (*Penreco*)  
Drakeol 35 (*Penreco*)  
Gloria White Mineral Oil (*Witco*)  
Kaydol White Mineral Oil (*Witco*)  
Liteteck (*Penreco*)  
PRIMOL 185 (*EXXON*)  
PRIMOL 205 (*EXXON*)  
PRIMOL 325 (*EXXON*)  
PRIMOL 355 (*EXXON*)  
Protol White Mineral Oil (*Witco*)  
Sontex 19 (*Marathon Morco*)  
Sontex 21 (*Marathon Morco*)  
Sontex 35 (*Marathon Morco*)

## NF

Amoco White Mineral Oil #5 NF (*Amoco*)  
Amoco White Mineral Oil #7 NF (*Amoco*)  
Amoco White Mineral Oil #9 NF (*Amoco*)  
Amoco White Mineral Oil #10 NF (*Amoco*)  
Amoco White Mineral Oil #13 NF (*Amoco*)  
Benol White Mineral Oil (*Witco*)  
Blandol White Mineral Oil (*Witco*)  
Carnation White Mineral Oil (*Witco*)  
Drakeol 5 (*Penreco*)  
Drakeol 6 (*Penreco*)  
Drakeol 7 (*Penreco*)  
Drakeol 8 (*Penreco*)  
Drakeol 9 (*Penreco*)  
Drakeol 10 (*Penreco*)  
Drakeol 13 (*Penreco*)  
Drakeol 15 (*Penreco*)  
Draketex 50 (*Penreco*)  
Ervol White Mineral Oil (*Witco*)  
Klearol White Mineral Oil (*Witco*)  
MARCOL 52 (*EXXON*)  
MARCOL 62 (*EXXON*)  
MARCOL 70 (*EXXON*)  
MARCOL 72 (*EXXON*)  
MARCOL 82 (*EXXON*)  
MARCOL 87 (*EXXON*)  
MARCOL 90 (*EXXON*)  
MARCOL 97 (*EXXON*)  
MARCOL 130 (*EXXON*)  
MARCOL 145 (*EXXON*)  
Sontex 55 (*Marathon Morco*)  
Sontex 70 (*Marathon Morco*)  
Sontex 75 (*Marathon Morco*)  
Sontex 85 (*Marathon Morco*)  
Sontex 100 (*Marathon Morco*)  
Sontex 150 (*Marathon Morco*)

## Other

BAYOL 72 (*EXXON*)  
BAYOL 90 (*EXXON*)  
BAYOL 92 (*EXXON*)  
Parol 70 (*Penreco*)  
Parol 80 (*Penreco*)

## Mineral Oil (Cont.)

Parol 100 (Penreco)  
Peneteck (Penreco)

## MINERAL SPIRITS

CAS Number: MX8032-32-4

**Definition:** Mineral Spirits is a mixture of hydrocarbons obtained from petroleum with a distillation range between 318 and 400° F.

**Information Sources:** MI

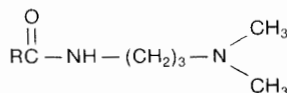
**Other Names:**

Ligroin  
Petroleum Spirits

## MINKAMIDOPROPYL DIMETHYLAMINE

RD Number: 977066-37-7

**Definition:** Minkamidopropyl Dimethylamine is the amidoamine that conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} - \end{array}$  represents the fatty groups derived from mink oil.

**Other Names:**

Dimethylaminopropyl mink fatty acids amide  
Foamole B (Van Dyk)

## MINK OIL

RD Number: 977054-30-0

**Definition:** Mink Oil is a natural oil obtained from the sub-dermal fatty tissues of the mink.

**Information Sources:** CTFA

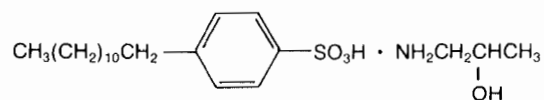
**Other Names:**

Emulan (Emlin)  
Naturol (Lanaetex)  
Oil of Mink

## MIPA-DODECYLBENZENESULFONATE

RD Number: 977057-26-3

**Definition:** MIPA-Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



**Other Names:**

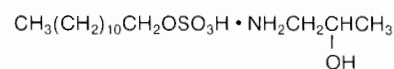
Monoisopropanolamine Dodecylbenzenesulfonate

## Mixed Terpenes

## MIPA-LAURYL SULFATE

RD Number: 977060-24-4

**Definition:** MIPA-Lauryl Sulfate is the monoisopropanolamine salt of lauryl sulfate that conforms generally to the formula:



**Other Names:**

Monoisopropanolamine Lauryl Sulfate

## MISTLETOE

RD Number: 977001-56-1

**Definition:** Mistletoe is a plant material derived from the parasitic evergreen, *Viscum alba*.

**Information Sources:** CZE, HP, NED, PF

**Other Names:**

Viscum Alba

## MISTLETOE EXTRACT

CAS Number: MX8031-76-3

**Definition:** Mistletoe Extract is an extract of the berries of *Viscum alba*.

**Information Sources:** HP, NED

## MIXED ISOPROPANOLAMINES

RD Number: 977060-04-0

**Definition:** Mixed Isopropanolamines is a blend of Isopropanolamine (q.v.), Diisopropanolamine (q.v.) and Triisopropanolamine (q.v.).

## MIXED ISOPROPANOLAMINES LAURYL SULFATE

RD Number: 977066-38-8

**Definition:** Mixed Isopropanolamines Lauryl Sulfate is the Mixed Isopropanolamines (q.v.) salt of lauryl sulfate.

**Other Names:**

Carsonol ILS (Carson)

## MIXED TERPENES

**Definition:** Mixed Terpenes is a mixture of hydrocarbons of the formula  $\text{C}_{10}\text{H}_{16}$  distilled from certain plants and trees such as the pine and citrus. The mixture may also contain sesquiterpenes,  $\text{C}_{15}\text{H}_{24}$ , diterpenes,  $\text{C}_{20}\text{H}_{32}$ , and polyterpenes,  $(\text{C}_5\text{H}_8)_n$ .

**Other Names:**

Solvenol No. 2 (Hercules)

## Monosaccharide Lactate Condensate

### MONOSACCHARIDE LACTATE CONDENSATE

RD Number: 977066-39-9

**Definition:** Monosaccharide Lactate Condensate is a condensation product of sodium lactate and the following monosaccharides: Glucose, fructose, glucosamine, ribose and deoxyribose.

### MONTAN WAX

CAS Number: MX8002-53-7

**Definition:** Montan Wax is a wax obtained by extraction of lignite.

**Information Sources:** MI, 21CFR121.2519, 21CFR121.2520, 21CFR121.2562

**Other Names:**

Hoechst Wax BJ (*American Hoechst*)  
Hoechst Wax E (*American Hoechst*)  
Hoechst Wax F (*American Hoechst*)  
Hoechst Wax S (*American Hoechst*)

### MONTMORILLONITE

CAS Number: 1318-93-0

**Definition:** Montmorillonite is a complex silicate clay mineral with a general composition of



**Information Sources:** MI

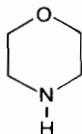
**Other Names:**

Albagen 4446 (*Whittaker, Clark & Daniels*)  
Albagen 4439 (*Whittaker, Clark & Daniels*)  
Gelwhite GP (*Georgia Kaolin*)

### MORPHOLINE

CAS Number: 110-91-8

**Definition:** Morpholine is the heterocyclic organic compound that conforms to the formula:



**Information Sources:** CTFA, MI, 21CFR121.1105, 21CFR121.2519, 21CFR121.2520

**Other Names:**

Tetrahydro-1,4-Oxazine

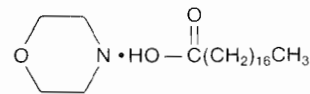
### MORPHOLINE STEARATE

CAS Number: 22707-25-1

**Definition:** Morpholine Stearate is the product resulting from neutralization of stearic acid with the

## Myreth-3 Myristate

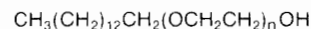
organic base, morpholine. It conforms to the formula:



### MYRETH-3

RD Number: 977054-86-6

**Definition:** Myreth-3 is the polyethylene glycol ether of Myristyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 3.

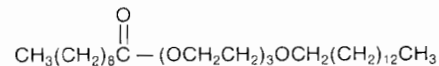
**Other Names:**

PEG-3 Myristyl Ether  
Polyethylene Glycol (3) Myristyl Ether  
Polyoxyethylene (3) Myristyl Ether

### MYRETH-3 CAPRATE

RD Number: 977054-87-7

**Definition:** Myreth-3 Caprate is the ester of Myreth-3 (q.v.) and capric acid. It conforms generally to the formula:



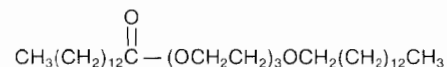
**Other Names:**

Myristyl Ethoxy Caprate  
PEG-3 Myristyl Ether Caprate  
Polyethylene Glycol (3) Myristyl Ether Caprate  
Polyoxyethylene (3) Myristyl Ether Caprate  
Standamul 1410E (Henkel)

### MYRETH-3 MYRISTATE

RD Number: 977054-88-8

**Definition:** Myreth-3 Myristate is the ester of Myreth-3 (q.v.) and myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

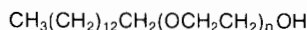
PEG-3 Myristyl Ether Myristate  
Polyethylene Glycol (3) Myristyl Ether Myristate  
Polyoxyethylene (3) Myristyl Ether Myristate  
Standamul 1414E (*Henkel*)

## Myreth-4

### MYRETH-4

RD Number: 977054-89-9

**Definition:** Myreth-4 is the polyethylene glycol ether of Myristyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 4.

**Information Sources:** CTFA, SNPF

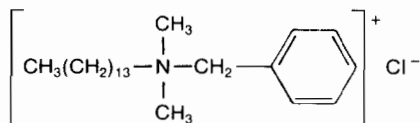
**Other Names:**

Lipal 4MA (PVO)  
Lipocol M-4 (Lipo)  
PEG-4 Myristyl Ether  
Polyethylene Glycol 200 Myristyl Ether  
Polyoxyethylene (4) Myristyl Ether

### MYRISTALKONIUM CHLORIDE

CAS Number: 139-08-2

**Definition:** Myristalkonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2520

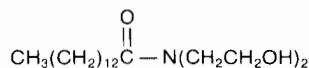
**Other Names:**

Barquat MS-100 (Lonza)  
Barquat MX-50 (Lonza)  
Barquat MX-80 (Lonza)  
Cyncal (Hilton-Davis)  
Dibactol (Fine Organics)  
Myristyl Dimethyl Benzyl Ammonium Chloride  
Roccal MC-14 (Hilton-Davis)

### MYRISTAMIDE DEA

CAS Number: 7545-23-5

**Definition:** Myristamide DEA is a mixture of ethanolamides of myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2571

**Other Names:**

Aminol MRC (Finetex)  
Aminol MRC-A (Finetex)  
Betamid M-20 (Beta)  
N,N-Bis(2-Hydroxyethyl) Myristamide  
N,N-Bis(2-Hydroxyethyl)-Tetradecamide  
Condensate M-100A (Chemical Products)  
Condensate MRCA (Chemical Products)

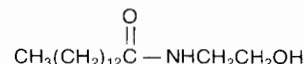
## Myristamine Oxide

Condensate PM (Continental Chemical)  
Diethanolamine Myristic Acid Condensate  
Monamid 150 MW (Mona)  
Myristic Diethanolamide  
Myristoyl Diethanolamide  
Protamide MRCA (Protameen)  
Tetradecamide, N,N-Bis(2-Hydroxyethyl)

### MYRISTAMIDE MEA

RD Number: 977057-28-5

**Definition:** Myristamide MEA is a mixture of ethanolamides of myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA

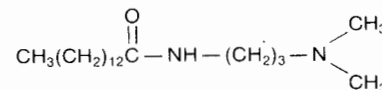
**Other Names:**

Aminol MRM (Finetex)  
Comperlan MM (Henkel)  
Monoethanolamine Myristic Acid Condensate  
Myristic Monoethanolamide  
Myristoyl Monoethanolamide  
Schercomid MME (Scher Bros.)  
Witcamide MM (Witco)

### MYRISTAMIDOPROPYL DIMETHYLAMINE

RD Number: 977062-35-3

**Definition:** Myristamidopropyl Dimethylamine is the amidoamine that conforms generally to the formula:



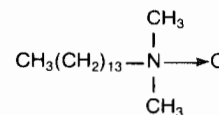
**Other Names:**

Dimethylaminopropyl Myristamide  
Tegamine M-13 (Inolex)

### MYRISTAMINE OXIDE

RD Number: 977057-29-6

**Definition:** Myristamine Oxide is the aliphatic amine oxide that conforms generally to the formula:



**Other Names:**

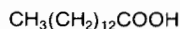
Ammonyx MCO (Onyx)  
Ammonyx MO (Onyx)  
Barlox 14 (Lonza)  
Conco XAM (Continental Chemical)  
Myristyl Dimethyl Amine Oxide

## Myristic Acid

### MYRISTIC ACID

CAS Number: 544-63-8

**Definition:** Myristic Acid is the organic fatty acid that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.1070, 21CFR121.1099

**Other Names:**

Crodacid (*Croda*)  
Emery 655 (*Emery*)  
Hydrofol Acid 1495 (*Ashland*)  
Neo-Fat 14 (*Armak*)

### MYRISTOYL HYDROLYZED ANIMAL PROTEIN

RD Number: 977062-07-9

**Definition:** Myristoyl Hydrolyzed Animal Protein is the condensation product of myristic acid and Hydrolyzed Animal Protein (q.v.).

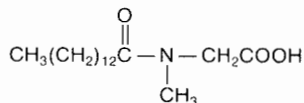
**Other Names:**

WSP-A200 Alco-Pro (*Inolex*)  
WSP-A200 Dry (*Inolex*)

### MYRISTOYL SARCOSINE

RD Number: 977069-34-3

**Definition:** Myristoyl Sarcosine is the N-myristoyl derivative of N-methylglycine that conforms to the formula:



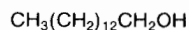
**Other Names:**

Hamposyl M (*Hampshire*)  
Myristoyl N-Methylglycine

### MYRISTYL ALCOHOL

CAS Number: 112-72-1

**Definition:** Myristyl Alcohol is a mixture of solid alcohols consisting predominantly of n-tetradecanol. It conforms generally to the formula:



**Information Sources:** CTFA, MI, 21CFR121.1238, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2531, 21CFR121.2557

**Other Names:**

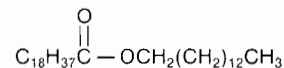
Alfol 14 (*Conoco*)  
Cachalot M-43 (*Michel*)  
1-Tetradecanol

## Myristyl Neopentanoate

### MYRISTYL ISOSTEARATE

RD Number: 977064-39-3

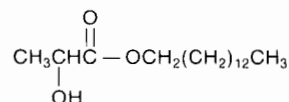
**Definition:** Myristyl Isostearate is the ester of myristyl alcohol and isostearic acid. It conforms generally to the formula:



### MYRISTYL LACTATE

CAS Number: 1323-03-1

**Definition:** Myristyl Lactate is the ester of myristyl alcohol and lactic acid. It conforms generally to the formula:



**Information Sources:** CTFA

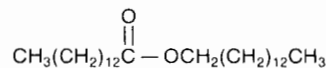
**Other Names:**

Beta ML (*Beta*)  
Ceraphyl 50 (*Van Dyk*)  
Cyclochem ML (*Cyclo*)

### MYRISTYL MYRISTATE

CAS Number: 3234-85-3

**Definition:** Myristyl Myristate is the ester of myristyl alcohol and myristic acid. It conforms generally to the formula:



**Information Sources:** CTFA

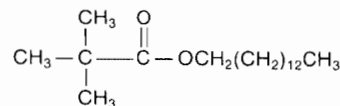
**Other Names:**

Beta MM (*Beta*)  
Ceraphyl 424 (*Van Dyk*)  
Cyclochem MM/M (*Cyclo*)

### MYRISTYL NEOPENTANOATE

RD Number: 977065-17-0

**Definition:** Myristyl Neopentanoate is the ester of myristyl alcohol and neopentanoic acid. It conforms generally to the formula:



**Other Names:**

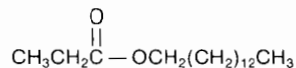
Ceraphyl 286 (*Van Dyk*)

## Myristyl Propionate

### MYRISTYL PROPIONATE

RD Number: 977062-14-8

*Definition:* Myristyl Propionate is the ester of myristyl alcohol and propionic acid. It conforms to the formula:



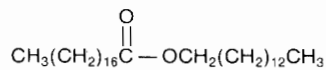
*Other Names:*

Lonzest 143-S (Lonza)

### MYRISTYL STEARATE

CAS Number: 17661-50-6

*Definition:* Myristyl Stearate is the ester of myristyl alcohol and stearic acid. It conforms to the formula:



## Myrtrimonium Bromide

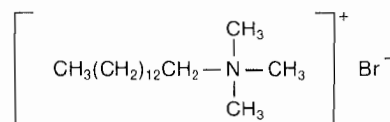
*Other Names:*

Cyclochem MST (Cyclo)

### MYRTRIMONIUM BROMIDE

RD Number: 977061-97-4

*Definition:* Myrtrimonium Bromide is the quaternary ammonium salt that conforms generally to the formula:



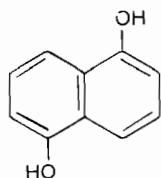
*Other Names:*

Myristyl Trimethyl Ammonium Bromide  
Mytab (Fine Organics)

**1,5-NAPHTHALENEDIOL**

CAS Number: 83-56-7

*Definition:* 1,5-Naphthalenediol is the polycyclic compound that conforms to the formula:



*Information Sources:* CI 76625

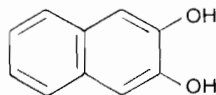
*Other Names:*

1,5-Dihydroxynaphthalene

**2,3-NAPHTHALENEDIOL**

CAS Number: 1767-81-3

*Definition:* 2,3-Naphthalenediol is the polycyclic compound that conforms to the formula:



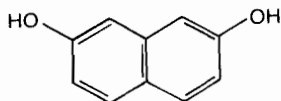
*Other Names:*

2,3-Dihydroxynaphthalene

**2,7-NAPHTHALENEDIOL**

CAS Number: 582-17-2

*Definition:* 2,7-Naphthalenediol is the polycyclic compound that conforms to the formula:



*Information Sources:* CI 76645

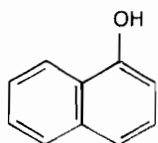
*Other Names:*

2,7-Dihydroxynaphthalene

**1-NAPHTHOL**

CAS Number: 90-15-3

*Definition:* 1-Naphthol is the polycyclic alcohol that conforms to the formula:



*Information Sources:* CI 76605, MI

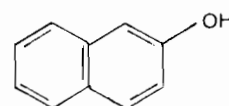
*Other Names:*

$\alpha$ -Naphthol

**2-NAPHTHOL**

CAS Number: 135-19-3

*Definition:* 2-Naphthol is the polycyclic alcohol that conforms to the formula:



*Information Sources:* ARG, AUS, BRA, CZE, DDR, EGY, HUN, MAR, MI, PF, PN, POR, YUG, 21CFR121.2157, 21CFR121.2519

*Other Names:*

$\beta$ -Naphthol

**NEATSFOOT OIL**

CAS Number: MX8002-64-0

*Definition:* Neatsfoot Oil is the fixed oil obtained from neat cattle feet.

*Information Sources:* MI

**NETTLE EXTRACT**

RD Number: 977060-38-0

*Definition:* Nettle Extract is an extract derived from the plant *Urtica dioica*.

*Information Sources:* HP

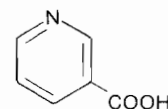
*Other Names:*

Stinging Nettle Extract

**NIACIN**

CAS Number: 59-67-6

*Definition:* Niacin is the aromatic compound that conforms to the formula:





## Niacin (Cont.)

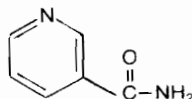
*Information Sources:* AUS, BP, BPC, BRA, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, NED, NF, PJ, PN, POR, ROM, USD, WHO, YUG, 21CFR121.101

*Other Names:*  
Nicotinic Acid

## NIACINAMIDE

*CAS Number:* 98-92-0

*Definition:* Niacinamide is the aromatic amide that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, WHO, 21CFR121.101

*Other Names:*  
Nicotinamide

## NITRIC ACID

*CAS Number:* 7697-37-2

*Definition:* Nitric Acid is the inorganic acid that conforms to the formula:

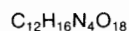


*Information Sources:* ARG, AUS, BPC, BRA, DDR, EGY, HP, MAR, MEX, MI, NF, PF, POR, USD, 21CFR121.2520

## NITROCELLULOSE

*RD Number:* 977067-73-4

*Definition:* Nitrocellulose is a constituent of collodion that consists chiefly of cellulose nitrate. It conforms generally to the formula:



*Information Sources:* MI, 21CFR121.2005, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2526

*Other Names:*  
Nitrocellulose Solution

## NITROGEN

*CAS Number:* 7727-37-9

## 4-Nitro-o-Phenylenediamine

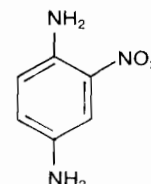
*Definition:* Nitrogen is a gaseous element. It constitutes approximately 78% of the earth's atmosphere.

*Information Sources:* AUS, BRA, CZE, DDR, HUN, MAR, MI, NFJ, PJ, PN, USP, 21CFR121.101

## 2-NITRO-p-PHENYLENEDIAMINE

*CAS Number:* 5307-14-2

*Definition:* 2-Nitro-p-Phenylenediamine is the substituted aromatic amine that conforms to the formula:



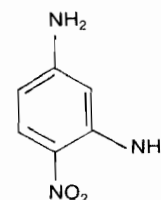
*Information Sources:* CI 76070

*Other Names:*  
o-Nitro-p-Phenylenediamine  
2-Nitro-1,4-Diaminobenzene

## 4-NITRO-m-PHENYLENEDIAMINE

*CAS Number:* 5131-58-8

*Definition:* 4-Nitro-m-Phenylenediamine is the substituted aromatic amine that conforms to the formula:



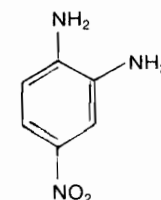
*Information Sources:* CI 76030

*Other Names:*  
4-Nitro-1,3-Diaminobenzene

## 4-NITRO-o-PHENYLENEDIAMINE

*CAS Number:* 99-56-9

*Definition:* 4-Nitro-o-Phenylenediamine is the substituted aromatic amine that conforms to the formula:



*Information Sources:* CI 76020, MI

*Other Names:*  
4-Nitro-1,2-Diaminobenzene

**NITROUS OXIDE**

CAS Number: 10024-97-2

**Definition:** Nitrous Oxide is the gas that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, NED, PJ, PN, USP, WHO, 21CFR121.101

**NONFAT DRY MILK**

RD Number: 977000-95-5

**Definition:** Nonfat Dry Milk is the solid residue produced by the dehydration of defatted cow's milk.

**Information Sources:** CTFA, 21CFR18.540

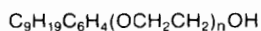
**Other Names:**

Carnation Instant Non-Fat Dry Milk  
Cosmerlac (*Precision Foods*)  
Milk, Nonfat Dry  
Powdered Skim Milk

**NONOXYNOL-1**

RD Number: 977062-61-5

**Definition:** Nonoxynol-1 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 1.

**Other Names:**

Ethylene Glycol Nonyl Phenyl Ether  
PEG-1 Nonyl Phenyl Ether  
Surfonic N-10 (*Jefferson*)

**NONOXYNOL-2**

RD Number: 977057-30-9

**Definition:** Nonoxynol-2 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 2.

**Other Names:**

Carsonon N-2 (*Carson*)  
Conco NI-21 (*Continental Chemical*)  
Igepal CO-210 (*GAF*)  
PEG-2 Nonyl Phenyl Ether  
Polyethylene Glycol 100 Nonyl Phenyl Ether  
Polyoxyethylene (2) Nonyl Phenyl Ether

**NONOXYNOL-4**

RD Number: 977006-95-3

**Definition:** Nonoxynol-4 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 4.

**Information Sources:** CTFA, MI, USAN

**Other Names:**

Arkopal N-040 (*American Hoechst*)  
Carsonon N-4 (*Carson*)  
Conco NI-43 (*Continental Chemical*)  
Igepal CO-430 (*GAF*)  
Makon 4 (*Stepan*)  
Neutronyx 622 (*Onyx*)  
PEG-4 Nonyl Phenyl Ether  
Polyethylene Glycol 200 Nonyl Phenyl Ether  
Polyoxyethylene (4) Nonyl Phenyl Ether  
Surfonic N-40 (*Jefferson*)  
T-DET N-4 (*Thompson-Hayward*)  
Tergitol NP-14 (*Union Carbide*)

**NONOXYNOL-5**

RD Number: 977057-31-0

**Definition:** Nonoxynol-5 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 5.

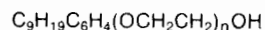
**Other Names:**

Igepal CO-520 (*GAF*)  
Nikkol NP-5 (*Nikko*)  
PEG-5 Nonyl Phenyl Ether  
Polyethylene Glycol (5) Nonyl Phenyl Ether  
Polyoxyethylene (5) Nonyl Phenyl Ether  
Tergitol NP-15 (*Union Carbide*)

**NONOXYNOL-6**

RD Number: 977057-32-1

**Definition:** Nonoxynol-6 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 6.

**Information Sources:** CTFA

**Other Names:**

Arkopal N-060 (*American Hoechst*)  
Carsonon N-6 (*Carson*)  
Conco NI-60 (*Continental Chemical*)  
Igepal CO-530 (*GAF*)  
Makon 6 (*Stepan*)  
Neutronyx 626 (*Onyx*)  
PEG-6 Nonyl Phenyl Ether  
Polyethylene Glycol 300 Nonyl Phenyl Ether

## Nonoxynol-6 (Cont.)

Polyoxyethylene (6) Nonyl Phenyl Ether  
Renex 697 (ICI United States)  
Surfonic N-60 (Jefferson)  
T-DET N-6 (Thompson-Hayward)  
Tergitol NP-16 (Union Carbide)

## NONOXYNOL-7

RD Number: 977057-33-2

**Definition:** Nonoxynol-7 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 7.

### Other Names:

Nonipol 70 (Sanyo)  
PEG-7 Nonyl Phenyl Ether  
Polyethylene Glycol (7) Nonyl Phenyl Ether  
Polyoxyethylene (7) Nonyl Phenyl Ether  
Tergitol NP-27 (Union Carbide)

## NONOXYNOL-8

RD Number: 977057-34-3

**Definition:** Nonoxynol-8 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 8.

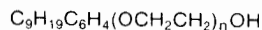
### Other Names:

Arkopal N-080 (American Hoechst)  
Carsonon N-8 (Carson)  
Carsonon N-2088 (Carson)  
Igepal CO-610 (GAF)  
Makon 8 (Stepan)  
PEG-8 Nonyl Phenyl Ether  
Polyethylene Glycol 400 Nonyl Phenyl Ether  
Polyoxyethylene (8) Nonyl Phenyl Ether  
T-DET N-8 (Thompson-Hayward)

## NONOXYNOL-9

RD Number: 977004-65-1

**Definition:** Nonoxynol-9 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 9.

**Information Sources:** CTFA, MAR, MI, USAN

### Other Names:

Arkopal N-090 (American Hoechst)  
Carsonon N-9 (Carson)  
Conco NI-90 (Continental Chemical)  
Igepal CO-630 (GAF)  
Neutronyx 600 (Onyx)  
PEG-9 Nonyl Phenyl Ether  
Polyethylene Glycol 450 Nonyl Phenyl Ether  
Polyoxyethylene (9) Nonyl Phenyl Ether

## Nonoxynol-10 Phosphate

Protachem 630 (Protameen)  
Rewopol HV-9 (Rewo)  
Tergitol TP-9 (Union Carbide)

## NONOXYNOL-9 IODINE

RD Number: 977059-98-5

**Definition:** Nonoxynol-9 Iodine is a complex of Nonoxynol-9 (q.v.) and iodine.

### Other Names:

Biopal VRO-20 (GAF)  
PEG-9 Nonyl Phenyl Ether Iodine Complex  
Polyethylene Glycol 450 Nonyl Phenyl Ether Iodine Complex  
Polyoxyethylene (9) Nonyl Phenyl Ether Iodine Complex

## NONOXYNOL-10

RD Number: 977057-35-4

**Definition:** Nonoxynol-10 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 10.

**Information Sources:** CTFA

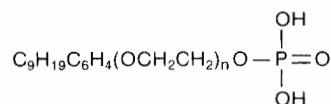
### Other Names:

Arkopal N-100 (American Hoechst)  
Carsonon N-10 (Carson)  
Conco NI-100 (Continental Chemical)  
Conco NI-110 (Continental Chemical)  
Hyonic PE-100 (Diamond Shamrock)  
Igepal CO-660 (GAF)  
Igepal CO-710 (GAF)  
Makon 10 (Stepan)  
Nonipol 100 (Sanyo)  
PEG-10 Nonyl Phenyl Ether  
Polyethylene Glycol (10) Nonyl Phenyl Ether  
Polyoxyethylene (10) Nonyl Phenyl Ether  
Surfonic N-95 (Jefferson)  
Surfonic N-100 (Jefferson)  
Surfonic N-102 (Jefferson)  
T-DET N-9.5 (Thompson-Hayward)  
T-DET N-10.5 (Thompson-Hayward)  
Tergitol NPX (Union Carbide)  
Triton N-101 (Rohm & Haas)

## NONOXYNOL-10 PHOSPHATE

RD Number: 977065-10-3

**Definition:** Nonoxynol-10 Phosphate is the phosphate ester of Nonoxynol-10 (q.v.) that conforms generally to the formula:



where n has an average value of 10.

*Other Names:*

PEG-10 Nonyl Phenyl Ether Phosphate  
 Polyethylene Glycol (10) Nonyl Phenyl Ether Phosphate  
 Polyoxyethylene (10) Nonyl Phenyl Ether Phosphate  
 Protaphos P-610 (*Protameen*)

**NONOXYNOL-11**

*RD Number:* 977065-12-5

*Definition:* Nonoxynol-11 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 11.

*Other Names:*

Arkopal N-110 (*American Hoechst*)  
 Carsonon N-11 (*Carson*)  
 PEG-11 Nonyl Phenyl Ether  
 Polyethylene Glycol (11) Nonyl Phenyl Ether  
 Polyoxyethylene (11) Nonyl Phenyl Ether

**NONOXYNOL-12**

*RD Number:* 977061-17-8

*Definition:* Nonoxynol-12 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 12.

*Other Names:*

Carsonon N-12 (*Carson*)  
 Igepal CO-720 (*GAF*)  
 Makon 12 (*Stepan*)  
 PEG-12 Nonyl Phenyl Ether  
 Polyethylene Glycol 600 Nonyl Phenyl Ether  
 Polyoxyethylene (12) Nonyl Phenyl Ether  
 Surfonic N-120 (*Jefferson*)  
 T-DET N-12 (*Thompson-Hayward*)

**NONOXYNOL-13**

*RD Number:* 977065-13-6

*Definition:* Nonoxynol-13 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 13.

*Other Names:*

Arkopal N-130 (*American Hoechst*)  
 PEG-13 Nonyl Phenyl Ether  
 Polyethylene Glycol (13) Nonyl Phenyl Ether  
 Polyoxyethylene (13) Nonyl Phenyl Ether  
 Tergitol NP-33 (*Union Carbide*)

**NONOXYNOL-14**

*RD Number:* 977061-55-4

*Definition:* Nonoxynol-14 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 14.

*Other Names:*

Lamacit 877 (*Gruenau*)  
 Makon 14 (*Stepan*)  
 PEG-14 Nonyl Phenyl Ether  
 Polyethylene Glycol (14) Nonyl Phenyl Ether  
 Polyoxyethylene (14) Nonyl Phenyl Ether

**NONOXYNOL-15**

*RD Number:* 977006-97-5

*Definition:* Nonoxynol-15 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 15.

*Information Sources:* CTFA, MI, USAN

*Other Names:*

Arkopal N-150 (*American Hoechst*)  
 Conco NI-150 (*Continental Chemical*)  
 Igepal CO-730 (*GAF*)  
 Neutronyx 640 (*Onyx*)  
 PEG-15 Nonyl Phenyl Ether  
 Polyethylene Glycol (15) Nonyl Phenyl Ether  
 Polyoxyethylene (15) Nonyl Phenyl Ether  
 Surfonic N-150 (*Jefferson*)  
 Tergitol NP-35 (*Union Carbide*)

**NONOXYNOL-18**

*RD Number:* 977065-14-7

*Definition:* Nonoxynol-18 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 18.

*Other Names:*

Lamacit KW 80-18 (*Gruenau*)  
 PEG-18 Nonyl Phenyl Ether  
 Polyethylene Glycol (18) Nonyl Phenyl Ether  
 Polyoxyethylene (18) Nonyl Phenyl Ether

**NONOXYNOL-20**

*RD Number:* 977057-36-5

*Definition:* Nonoxynol-20 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 20.

*Other Names:*

Conco NI-185 (*Continental Chemical*)  
 Igepal CO-850 (*GAF*)  
 Makon 20 (*Stepan*)

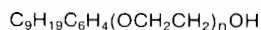
## Nonoxynol-20 (Cont.)

Polyethylene Glycol 1000 Nonyl Phenyl Ether  
Polyoxyethylene (20) Nonyl Phenyl Ether  
Surfonic N-200 (*Jefferson*)  
Tergitol NP-40 (*Union Carbide*)

## NONOXYNOL-23

RD Number: 977065-15-8

**Definition:** Nonoxynol-23 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 23.

**Other Names:**

Arkopal N-230 (*American Hoechst*)  
PEG-23 Nonyl Phenyl Ether  
Polyethylene Glycol (23) Nonyl Phenyl Ether  
Polyoxyethylene (23) Nonyl Phenyl Ether

## NONOXYNOL-30

RD Number: 977006-96-4

**Definition:** Nonoxynol-30 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 30.

**Information Sources:** CTFA, MI, USAN

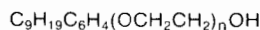
**Other Names:**

Arkopal N-300 (*American Hoechst*)  
Carsonon N-30 (*Carson*)  
Conco NI-187 (*Continental Chemical*)  
Igepal CO-880 (*GAF*)  
Makon 30 (*Stepan*)  
PEG-30 Nonyl Phenyl Ether  
Polyethylene Glycol (30) Nonyl Phenyl Ether  
Polyoxyethylene (30) Nonyl Phenyl Ether  
Surfonic N-300 (*Jefferson*)  
Surfonic NB-5 (*Jefferson*)  
T-DET N-30 (*Thompson-Hayward*)  
T-DET N-307 (*Thompson-Hayward*)

## NONOXYNOL-40

RD Number: 977057-37-6

**Definition:** Nonoxynol-40 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 40.

**Other Names:**

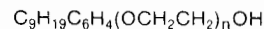
Conco NI-190 (*Continental Chemical*)  
Conco NI-197 (*Continental Chemical*)  
Igepal CO-890 (*GAF*)  
PEG-40 Nonyl Phenyl Ether  
Polyethylene Glycol 2000 Nonyl Phenyl Ether  
Polyoxyethylene (40) Nonyl Phenyl Ether  
Surfonic N-400 (*Jefferson*)  
Surfonic NB-14 (*Jefferson*)  
Tergitol NP-44 (*Union Carbide*)

## Nonyl Nonoxynol-5

## NONOXYNOL-50

RD Number: 977057-38-7

**Definition:** Nonoxynol-50 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 50.

**Other Names:**

Conco NI-2000 (*Continental Chemical*)  
Igepal CO-970 (*GAF*)  
PEG-50 Nonyl Phenyl Ether  
Polyethylene Glycol (50) Nonyl Phenyl Ether  
Polyoxyethylene (50) Nonyl Phenyl Ether  
Surfonic N-500 (*Jefferson*)  
Surfonic NB-15 (*Jefferson*)

## NONOXYNOL-100

RD Number: 977065-11-4

**Definition:** Nonoxynol-100 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 100.

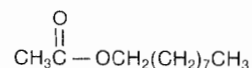
**Other Names:**

Carsonon N-100 (*Carson*)  
PEG-100 Nonyl Phenyl Ether  
Polyethylene Glycol (100) Nonyl Phenyl Ether  
Polyoxyethylene (100) Nonyl Phenyl Ether  
T-DET N-100 (*Thompson-Hayward*)  
T-DET N-1007 (*Thompson-Hayward*)

## NONYL ACETATE

CAS Number: 143-13-5

**Definition:** Nonyl Acetate is the ester of nonyl alcohol and acetic acid. It conforms to the formula:

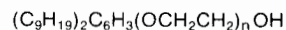


**Information Sources:** FCC, MI, 21CFR121.1164

## NONYL NONOXYNOL-5

RD Number: 977065-18-1

**Definition:** Nonyl Nonoxynol-5 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 5.

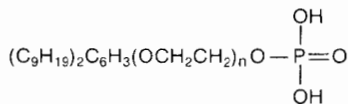
**Other Names:**

Emalex DNP-5 (*Nihon Emulsion*)  
PEG-5 Dinonyl Phenyl Ether  
Polyethylene Glycol (5) Dinonyl Phenyl Ether  
Polyoxyethylene (5) Dinonyl Phenyl Ether

**Nonyl Nonoxynol-9 Phosphate****NONYL NONOXYNOL-9 PHOSPHATE**

RD Number: 977065-19-2

**Definition:** Nonyl Nonoxynol-9 Phosphate is the phosphate ester of Nonyl Nonoxynol-9 that conforms generally to the formula:



where n has an average value of 9.

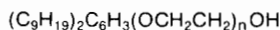
**Other Names:**

PEG-9 Dinonyl Phenyl Ether Phosphate  
Polyethylene Glycol 450 Dinonyl Phenyl Ether Phosphate  
Polyoxyethylene (9) Dinonyl Phenyl Ether Phosphate

**NONYL NONOXYNOL-10**

RD Number: 977061-24-7

**Definition:** Nonyl Nonoxynol-10 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 10.

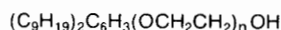
**Other Names:**

Igepal DM-530 (GAF)  
PEG-10 Dinonyl Phenyl Ether  
Polyethylene Glycol (10) Dinonyl Phenyl Ether  
Polyoxyethylene (10) Dinonyl Phenyl Ether

**NONYL NONOXYNOL-49**

RD Number: 977061-25-8

**Definition:** Nonyl Nonoxynol-49 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 49.

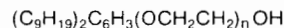
**Other Names:**

Igepal DM-880 (GAF)  
PEG-49 Dinonyl Phenyl Ether  
Polyethylene Glycol (49) Dinonyl Phenyl Ether  
Polyoxyethylene (49) Dinonyl Phenyl Ether

**NONYL NONOXYNOL-150**

RD Number: 977069-35-4

**Definition:** Nonyl Nonoxynol-150 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 150.

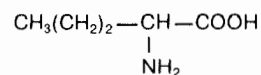
**Other Names:**

Igepal DM-970 (GAF)  
PEG-150 Dinonyl Phenyl Ether  
Polyethylene Glycol (150) Dinonyl Phenyl Ether  
Polyoxyethylene (150) Dinonyl Phenyl Ether

**NORVALINE**

CAS Number: 498-18-0

**Definition:** Norvaline is the amino acid that conforms to the formula:



**Information Sources:** MI

**Other Names:**

2-Aminovaleric Acid

**NUTMEG OIL**

CAS Number: MX8008-45-5

**Definition:** Nutmeg Oil is the oil extracted from the kernel of *Myristica fragrans*. It consists primarily of trimyristin.

**Information Sources:** ARG, AUS, BPC, BRA, FCC, FI, IND, MAR, MI, NF, SNPF, USSR, 21CFR121.101

**Other Names:**

Myristica Oil  
Oil of Mace  
Oil of Nutmeg

**NYLON**

CAS Number: PM9006-73-9

**Definition:** Nylon is a polymeric amide.

**Information Sources:** MI, 21CFR121.2502, 21CFR121.2562

**OAT FLOUR**

RD Number: 977024-76-2

*Definition:* Oat Flour is a powder obtained by the fine grinding of oat kernels.

*Information Sources:* HP

*Other Names:*

Flour, Oats

Oat Pro (*Quaker Oats*)

**OATMEAL**

RD Number: 977057-40-1

*Definition:* Oatmeal is a coarse meal consisting primarily of the kernels from shucked oats.

**OCOTEA CYMBARUM OIL**

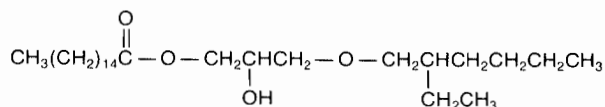
RD Number: 977057-41-2

*Definition:* Ocotea Cymbarum Oil is a volatile oil having a high safrole content.

**OCTOXY GLYCERYL PALMITATE**

RD Number: 977069-36-5

*Definition:* Octoxy Glyceryl Palmitate is the 2-ethylhexyl ether of the ester of glycerin and palmitic acid. It conforms to the formula:

**OCTOXYNOL-1**

RD Number: 977054-43-5

*Definition:* Octoxynol-1 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 1.

*Other Names:*

PEG-1 Octyl Phenyl Ether

Triton X-15 (*Rohm & Haas*)

**OCTOXYNOL-3**

RD Number: 977057-42-3

*Definition:* Octoxynol-3 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 3.

*Other Names:*

Igepal CA-420 (*GAF*)

PEG-3 Octyl Phenyl Ether

Polyethylene Glycol (3) Octyl Phenyl Ether

Polyoxyethylene (3) Octyl Phenyl Ether

Triton X-35 (*Rohm & Haas*)

**OCTOXYNOL-5**

RD Number: 977054-44-6

*Definition:* Octoxynol-5 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 5.

*Information Sources:* CTFA, NF

*Other Names:*

Igepal CA-520 (*GAF*)

PEG-5 Octyl Phenyl Ether

Polyethylene Glycol (5) Octyl Phenyl Ether

Polyoxyethylene (5) Octyl Phenyl Ether

Triton X-45 (*Rohm & Haas*)

**OCTOXYNOL-9**

CAS Number: PM9010-43-9

*Definition:* Octoxynol-9 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 9.

*Information Sources:* CTFA, MI, NF, USAN

*Other Names:*

Conco NIX-100 (*Continental Chemical*)

Hyonic PE-250 (*Diamond Shamrock*)

Igepal CA-630 (*GAF*)

Neutronyx 605 (*Onyx*)

PEG-9 Octyl Phenyl Ether

Polyethylene Glycol 450 Octyl Phenyl Ether

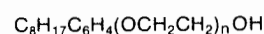
Polyoxyethylene (9) Octyl Phenyl Ether

Triton X-100 (*Rohm & Haas*)

**OCTOXYNOL-13**

RD Number: 977057-43-4

*Definition:* Octoxynol-13 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 13.

## Octoxynol-13 (Cont.)

Information Sources: NF

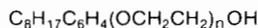
Other Names:

Igepal CA-720 (GAF)  
Igepal CA-730 (GAF)  
PEG-13 Octyl Phenyl Ether  
Polyethylene Glycol (13) Octyl Phenyl Ether  
Polyoxyethylene (13) Octyl Phenyl Ether  
Triton X-102 (Rohm & Haas)

## OCTOXYNOL-40

RD Number: 977066-20-5

Definition: Octoxynol-40 is the ethoxylated alkyl phenol that conforms generally to the formula:



where n has an average value of 40.

Other Names:

PEG-40 Octyl Phenyl Ether  
Polyethylene Glycol 2000 Octyl Phenyl Ether  
Polyoxyethylene (40) Octyl Phenyl Ether  
T-Det O-407 (Thompson-Hayward)

## OCTYLACRYLAMIDE/ACRYLATES/ BUTYLAMINOETHYL METHACRYLATE POLYMER

RD Number: 977062-94-4

Definition: Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Polymer is a polymer formed from octylacrylamide, t-butylaminoethyl methacrylate and two or more monomers consisting of acrylic acid, methacrylic acid or any of their simple esters.

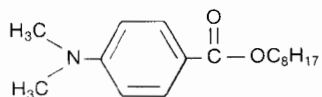
Other Names:

Amphomer (National Starch)

## OCTYL DIMETHYL PABA

CAS Number: 21245-02-3

Definition: Octyl Dimethyl PABA is the ester of an octyl alcohol and dimethyl p-aminobenzoic acid. It conforms generally to the formula:



Information Sources: USAN

Other Names:

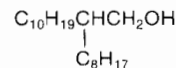
Escalol 507 (Van Dyk)  
Octyl Dimethyl p-Aminobenzoate  
Padimate O

## OCTYL DODECANOL

CAS Number: 5333-42-6

Definition: Octyl Dodecanol is an aliphatic alcohol that conforms generally to the formula:

## Octyl Myristate



Information Sources: CTFA, SNPF

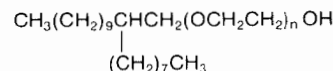
Other Names:

Cyclal G20 (Witco/Cyclo Div)  
Eutanol G (Henkel)  
Michel XO-143 (Michel)  
2-Octyl Dodecanol  
Standamul G (Henkel)

## OCTYLDODECETH-20

RD Number: 977069-37-6

Definition: Octyldodeceth-20 is the polyethylene glycol ether of Octyl Dodecanol (q.v.) that conforms to the formula:



where n has an average value of 20.

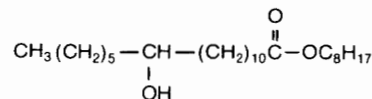
Other Names:

Seodol E-2020 (Nihon Emulsion)

## OCTYL HYDROXYSTEARATE

RD Number: 977057-45-6

Definition: Octyl Hydroxystearate is the ester of 2-ethylhexyl alcohol and 12-hydroxystearic acid. It conforms generally to the formula:



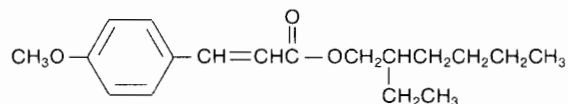
Other Names:

Castorcet (Lanaetex)  
2-Ethylhexyl Oxystearate  
Wickenol 171 (Wickhen)

## OCTYL METHOXYCINNAMATE

RD Number: 977066-42-4

Definition: Octyl Methoxycinnamate is the ester of octyl alcohol and methoxycinnamic acid. It conforms to the formula:



Other Names:

2-Ethylhexyl Methoxycinnamate  
Sunscreen Agent AV660523 (Neo Heliopan AV)  
(Haarmann & Reimer)

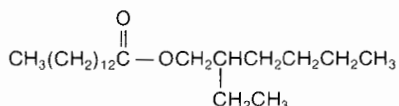
## OCTYL MYRISTATE

CAS Number: 29806-75-5

Definition: Octyl Myristate is the ester of 2-ethylhexyl alcohol and myristic acid. It conforms generally to the formula:



## Octyl Myristate (Cont.)



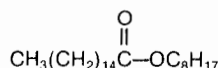
Other Names:

2-Ethylhexyl Myristate

## OCTYL PALMITATE

RD Number: 977054-49-1

Definition: Octyl Palmitate is the ester of 2-ethylhexyl alcohol and palmitic acid. It conforms generally to the formula:



Information Sources: CTFA

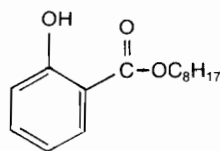
Other Names:

Ceraphyl 368 (Van Dyk)  
Ethyl Hexyl Palmitate Porositone  
2-Ethylhexyl Palmitate  
Wickenol 155 (Wickhen)

## OCTYL SALICYLATE

CAS Number: 118-60-5

Definition: Octyl Salicylate is the ester of 2-ethylhexyl alcohol and salicylic acid. It conforms to the formula:



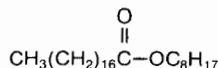
Other Names:

2-Ethylhexyl Salicylate  
Sunarome WMO (Felton)

## OCTYL STEARATE

CAS Number: 22047-49-0

Definition: Octyl Stearate is the ester of 2-ethylhexyl alcohol and stearic acid. It conforms generally to the formula:



Other Names:

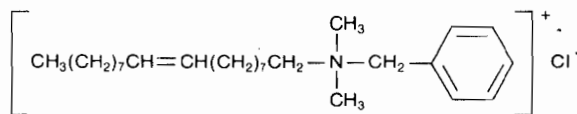
Estol 140 (Price's)  
2-Ethylhexyl Stearate  
Grocor 5530 (Gross, A.)  
Wickenol 156 (Wickhen)

## OLEALKONIUM CHLORIDE

RD Number: 977066-43-5

Definition: Olealkonium Chloride is the quaternary ammonium salt that conforms to the formula:

## Oleamide MEA



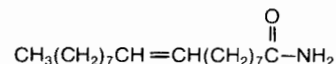
Other Names:

Alacsan 7LUF (Alcolac)  
Oleyl Dimethyl Benzyl Ammonium Chloride

## OLEAMIDE

CAS Number: 301-02-0

Definition: Oleamide is the aliphatic amide that conforms generally to the formula



Information Sources: 21CFR121.2005,  
21CFR121.2514, 21CFR121.2520,  
21CFR121.2531

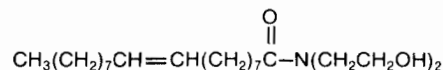
Other Names:

Armid O (Armak)  
Oleylamide

## OLEAMIDE DEA

CAS Number: 93-83-4

Definition: Oleamide DEA is a mixture of ethanolamides of oleic acid. It conforms generally to the formula:



Other Names:

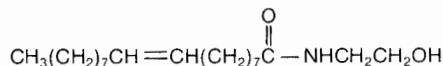
Alrosol O (Ciba-Geigy)  
Aminol OF (Finetex)  
Aminol OL (Finetex)  
Aminol OT (Finetex)  
N,N-Bis(2-Hydroxyethyl)-Oleamide  
Calamide O (Pilot)  
Clindrol 200-O (Clintwood)  
Comperlan OD (Henkel)  
Condensate OFO (Chemical Products)  
Cyclomide OD (Witco/Cyclo Div)  
Diethanolamine Oleic Acid Amide  
Ninol 201 (Stepan)  
Nitrene NO (Textilana)  
Oleic Diethanolamide  
Protamide OFO (Protameen)  
Protamide T (Protameen)  
Richamide 5085 (Richardson)  
Sandrol 200-O (Clintwood)

## OLEAMIDE MEA

CAS Number: 111-58-0

Definition: Oleamide MEA is a mixture of ethanolamides of oleic acid. It conforms generally to the formula:

## Oleamide MEA (Cont.)



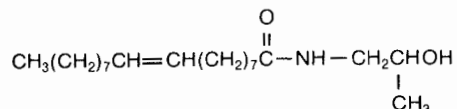
### Other Names:

Cyclomide OM (*Witco/Cyclo Div.*)  
N-(2-Hydroxyethyl) Oleamide  
Monoethanolamine Oleic Acid Amide  
Oleoyl Monoethanolamide

## OLEAMIDE MIPA

RD Number: 977057-46-7

**Definition:** Oleamide MIPA is a mixture of isopropanolamides of oleic acid. It conforms generally to the formula:



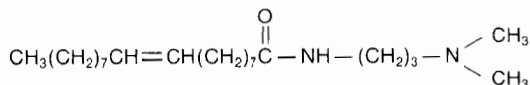
### Other Names:

Cyclomide OP (*Witco/Cyclo Div.*)  
Monoisopropanolamine Oleic Acid Amide  
Oleic Monoisopropanolamide  
Witcamide 61 (*Witco*)

## OLEAMIDOPROPYL DIMETHYLAMINE

RD Number: 977056-57-7

**Definition:** Oleamidopropyl Dimethylamine is the amidoamine that conforms generally to the formula:



**Information Sources:** CTFA

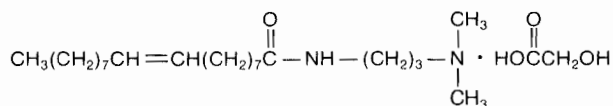
### Other Names:

Dimethylaminopropyl Oleamide  
Tegamine O-13 (*Inolex*)

## OLEAMIDOPROPYL DIMETHYLAMINE GLYCOLATE

RD Number: 977069-38-7

**Definition:** Oleamidopropyl Dimethylamine Glycolate is the amidoamine salt that conforms generally to the formula:



### Other Names:

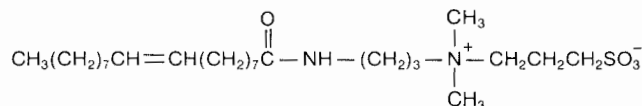
Betamid 0-70 (Beta)  
Dimethylaminopropyl Oleamide Glycolate

## OLEAMIDOPROPYL SULTAINE

RD Number: 977066-44-6

**Definition:** Oleamidopropyl Sultaine is a zwitterion (inner salt) that conforms to the formula:

## Oleic Acid



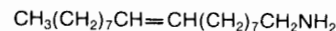
### Other Names:

Lonzaine OS (*Lonza*)  
Oleamidopropyl Sulfobetaine

## OLEAMINE

RD Number: 977057-47-8

**Definition:** Oleamine is the primary aliphatic amine that conforms generally to the formula:



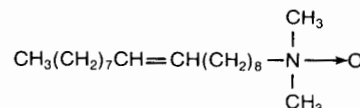
### Other Names:

Armeen O (*Armak*)  
Armeen OD (*Armak*)  
Oleyl Amine

## OLEAMINE OXIDE

RD Number: 977057-48-9

**Definition:** Oleamine Oxide is the aliphatic amine oxide that conforms generally to the formula:



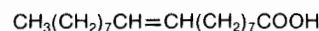
### Other Names:

Conco XAO (*Continental Chemical*)  
Oleyl Dimethyl Amine Oxide  
Standamox O1 (*Henkel*)

## OLEIC ACID

CAS Number: 112-80-1

**Definition:** Oleic Acid is a mixture of fatty acids consisting predominantly of cis-9-octadecenoic acid. It conforms generally to the formula:



**Information Sources:** CTFA, ARG, BP, BPC, BRA, DDR, EGY, FCC, FIN, HUN, KOR, MAR, MI, NED, SNPF, USD, USP, 21CFR121.101, 21CFR121.1070, 21CFR121.1099, 21CFR121.1237

### Other Names:

Century CD Fatty Acid (*Union Camp*)  
Emersol 210 (*Emery*)  
Emersol 213 (*Emery*)  
Emersol 221 (*Emery*)  
Emersol 233LL (*Emery*)  
Emersol 6321 (*Emery*)  
Glycon RO (*Glyco*)  
Glycon WO (*Glyco*)  
Groco 2 (*Gross, A.*)  
Groco 4 (*Gross, A.*)  
Groco 5L (*Gross, A.*)  
Groco 6 (*Gross, A.*)

Hy-Phi 1055 (*Darling*)  
 Hy-Phi 1088 (*Darling*)  
 Hy-Phi 2066 (*Darling*)  
 Hy-Phi 2088 (*Darling*)  
 Hy-Phi 2102 (*Darling*)  
 Neo-Fat 90-04 (*Armak*)  
 Neo-Fat 92-04 (*Armak*)  
 Tego-Oleic 130 (*Inolex*)

**OLEOSTEARINE**

RD Number: 977061-39-4

*Definition:* Oleostearine is a mixture of fatty acid triglycerides remaining after the physical separation of the low titre oils from beef tallow.

**OLEOYL HYDROLYZED ANIMAL PROTEIN**

RD Number: 977066-45-7

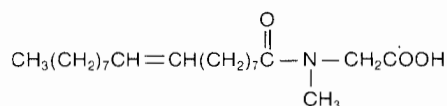
*Definition:* Oleoyl Hydrolyzed Animal Protein is the condensation product of oleic acid and Hydrolyzed Animal Protein (q.v.).

*Other Names:*  
 Oleyl Polypeptide (*Stapan*)

**OLEOYL SARCOSINE**

CAS Number: 110-25-8

*Definition:* Oleoyl Sarcosine is the condensation product of oleic acid with N-methylglycine. It conforms generally to the formula:



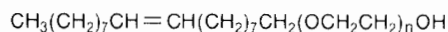
*Information Sources:* CTFA, 21CFR121.2527

*Other Names:*  
 Hamosyl O (*Hampshire*)  
 Maprosyl O (*Onyx*)  
 Oleoyl N-Methylaminoacetic Acid  
 Oleyl Methylaminoethanoic Acid  
 Oleyl N-Methylglycine  
 Oleyl Sarcosine  
 Sarkosyl O (*Ciba-Geigy*)

**OLETH-2**

RD Number: 977057-49-0

*Definition:* Oleth-2 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 2.

*Information Sources:* CTFA, SNPF

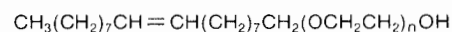
*Other Names:*  
 Ameroxol OE-2 (*Amerchol*)  
 Brij 92 (*ICI United States*)

Brij 93 (*ICI United States*)  
 Hodag Nonionic 1802 F (*Hodag*)  
 Lipocol O-2 (*Lipo*)  
 PEG-2 Oleyl Ether  
 Polyethylene Glycol 100 Oleyl Ether  
 Polyoxyethylene (2) Oleyl Ether  
 Procol OA-2 (*Protameen*)  
 Siponic Y-050 (*Alcolac*)  
 Standamul O2 (*Henkel*)

**OLETH-3**

RD Number: 977057-50-3

*Definition:* Oleth-3 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 3.

*Information Sources:* CTFA, SNPF

*Other Names:*  
 Ethoxol 3 (*Lanaetex*)  
 Lipocol O-3 (*Lipo*)  
 PEG-3 Oleyl Ether  
 Polyethylene Glycol (3) Oleyl Ether  
 Polyoxyethylene (3) Oleyl Ether  
 Volpo 3 (*Croda*)  
 Volpo 3-A10 (*Croda*)

**OLETH-3 PHOSPHATE**

RD Number: 977060-93-7

*Definition:* Oleth-3 Phosphate is a complex mixture of esters of phosphoric acid and Oleth-3 (q.v.).

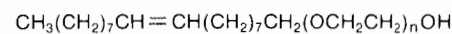
*Information Sources:* CTFA, SNPF

*Other Names:*  
 Crodafos N. 3 Acid (*Croda*)  
 Hodag PE-1803 (*Hodag*)  
 Oleyl Triethoxy Mono Diphosphate  
 PEG-3 Oleyl Ether Phosphate  
 Polyethylene Glycol (3) Oleyl Ether Phosphate  
 Polyoxyethylene (3) Oleyl Ether Phosphate

**OLETH-4**

RD Number: 977065-24-9

*Definition:* Oleth-4 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 4.

*Other Names:*  
 PEG-4 Oleyl Ether  
 Polyethylene Glycol 200 Oleyl Ether  
 Polyoxyethylene (4) Oleyl Ether  
 Procol OA-4 (*Protameen*)

**OLETH-4 PHOSPHATE**

RD Number: 977065-25-0

*Definition:* Oleth-4 Phosphate is a complex mixture of esters of phosphoric acid and Oleth-4 (q.v.).

*Information Sources:* SNPF

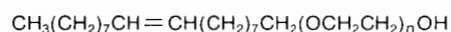
*Other Names:*

PEG-4 Oleyl Ether Phosphate  
Polyethylene Glycol 200 Oleyl Ether Phosphate  
Polyoxyethylene (4) Oleyl Ether Phosphate  
Protaphos 400-A (*Protameen*)

**OLETH-5**

RD Number: 977057-51-4

*Definition:* Oleth-5 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 5.

*Information Sources:* CTFA, SNPF, 21CFR121.2557

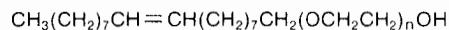
*Other Names:*

Eumulgin O5 (*Henkel*)  
Hostacerin O5 (*American Hoechst*)  
Lipal 50A (*PVO*)  
Lipocol O-5 (*Lipo*)  
PEG-5 Oleyl Ether  
Polyethylene Glycol (5) Oleyl Ether  
Polyoxyethylene (5) Oleyl Ether  
Siponic Y-100 (*Alcolac*)  
Standamul O5 (*Henkel*)  
Volpo 5 (*Croda*)

**OLETH-10**

RD Number: 977057-52-5

*Definition:* Oleth-10 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 10.

*Information Sources:* CTFA, SNPF, 21CFR121.2557

*Other Names:*

Ameroxol OE-10 (*Amerchol*)  
Brij 96 (*ICI United States*)  
Brij 97 (*ICI United States*)  
Ethoxol 10 (*Lanaetex*)  
Eumulgin O10 (*Henkel*)  
Lipal 100A (*PVO*)  
Lipocol O-10 (*Lipo*)  
PEG-10 Oleyl Ether  
Polyethylene Glycol (10) Oleyl Ether  
Polyoxyethylene (10) Oleyl Ether  
Procol OA-10 (*Protameen*)  
Standamul O10 (*Henkel*)  
Volpo 10 (*Croda*)

**OLETH-10 PHOSPHATE**

RD Number: 977060-95-9

*Definition:* Oleth-10 Phosphate is a complex mixture of esters of phosphoric acid and Oleth-10 (q.v.).

*Information Sources:* CTFA

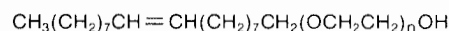
*Other Names:*

Crodafos N.10 Acid (*Croda*)  
Hodag PE-1810 (*Hodag*)  
PEG-10 Oleyl Ether Phosphate  
Polyethylene Glycol (10) Oleyl Ether Phosphate  
Polyoxyethylene (10) Oleyl Ether Phosphate

**OLETH-15**

RD Number: 977065-21-6

*Definition:* Oleth-15 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 15.

*Information Sources:* 21CFR121.2557

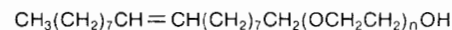
*Other Names:*

Emalex 515 (*Nihon Emulsion*)  
Emalex 515P (*Nihon Emulsion*)  
PEG-15 Oleyl Ether  
Polyethylene Glycol (15) Oleyl Ether  
Polyoxyethylene (15) Oleyl Ether  
Siponic Y-150 (*Alcolac*)

**OLETH-20**

RD Number: 977057-53-6

*Definition:* Oleth-20 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 20.

*Information Sources:* CTFA, SNPF, 21CFR121.2557

*Other Names:*

Ameroxol OE-20 (*Amerchol*)  
Brij 98 (*ICI United States*)  
Brij 99 (*ICI United States*)  
Emery 6802 (*Malmstrom*)  
Emulphor ON-870 (*GAF*)  
Ethoxol 20 (*Lanaetex*)  
Lipal 200A (*PVO*)  
Lipocol O-20 (*Lipo*)  
PEG-20 Oleyl Ether  
Polyethylene Glycol 1000 Oleyl Ether  
Polyoxyethylene (20) Oleyl Ether  
Procol OA-20 (*Protameen*)  
Siponic Y-501 (*Alcolac*)  
Standamul O20 (*Henkel*)  
Volpo 20 (*Croda*)

**OLETH-20 PHOSPHATE**

RD Number: 977065-22-7

*Definition:* Oleth-20 Phosphate is a complex mixture of esters of phosphoric acid and Oleth-20 (q.v.).

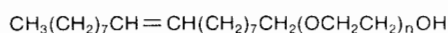
*Other Names:*

Hodag PE-1820 (*Hodag*)  
PEG-20 Oleyl Ether Phosphate  
Polyethylene Glycol 1000 Oleyl Ether Phosphate  
Polyoxyethylene (20) Oleyl Ether Phosphate

**OLETH-23**

RD Number: 977065-23-8

*Definition:* Oleth-23 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 23.

*Information Sources:* 21CFR121.2557

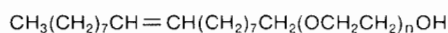
*Other Names:*

Emalex 523 (*Nihon Emulsion*)  
PEG-23 Oleyl Ether  
Polyethylene Glycol (23) Oleyl Ether  
Polyoxyethylene (23) Oleyl Ether

**OLETH-25**

RD Number: 977057-54-7

*Definition:* Oleth-25 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 25.

*Information Sources:* 21CFR121.2557

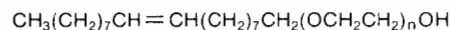
*Other Names:*

Lipal 250A (*PVO*)  
Lipocol O-25 (*Lipo*)  
PEG-25 Oleyl Ether  
Polyethylene Glycol (25) Oleyl Ether  
Polyoxyethylene (25) Oleyl Ether  
Siponic Y-500 (*Alcolac*)  
Siponic Y-500-70 (*Alcolac*)

**OLETH-50**

RD Number: 977057-55-8

*Definition:* Oleth-50 is the polyethylene glycol ether of Oleyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 50.

*Information Sources:* 21CFR121.2557

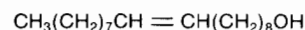
*Other Names:*

Lipal 500A (*PVO*)  
PEG-50 Oleyl Ether  
Polyethylene Glycol (50) Oleyl Ether  
Polyoxyethylene (50) Oleyl Ether

**OLEYL ALCOHOL**

CAS Number: 143-28-2

*Definition:* Oleyl Alcohol is the aliphatic alcohol that conforms generally to the formula:



*Information Sources:* CTFA, MAR, MI, NF, SNPF, 21CFR121.2519, 21CFR121.2526, 21CFR121.2531, 21CFR121.2550

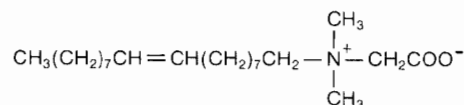
*Other Names:*

Adol 34 (*Ashland*)  
Adol 80 (*Ashland*)  
Adol 85 (*Ashland*)  
Adol 90 (*Ashland*)  
Adol 320 (*Ashland*)  
Adol 330 (*Ashland*)  
Adol 340 (*Ashland*)  
Cachalot O-3 (*Michel*)  
Cachalot O-8 (*Michel*)  
Cachalot O-15 (*Michel*)  
Crodacol A.10 (*Croda*)  
Crodacol O (*Croda*)  
H.D. Eutanol (*Henkel*)  
H.D. Oleyl Alcohol CG (*Henkel*)  
H.D. Oleyl Alcohol 70/75 (*Henkel*)  
H.D. Oleyl Alcohol 80/85 (*Henkel*)  
H.D. Oleyl Alcohol 90/95 (*Henkel*)  
Lancol (*Lanaetex*)  
Novol (*Croda*)  
Unjocol 50 (*Fanning*)  
Unjocol 70 (*Fanning*)  
Unjocol 90 (*Fanning*)  
Unjocol 110 (*Fanning*)

**OLEYL BETAINE**

RD Number: 977057-56-9

*Definition:* Oleyl Betaine is the zwitterion (inner salt) that conforms generally to the formula:

*Other Names:*

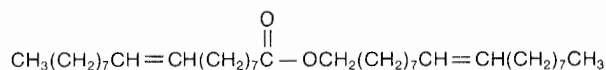
Oleyl Dimethyl Glycine  
Product UDN (*DuPont*)  
Product 6980 (*Henkel*)  
Standapol OLB-50 (*Henkel*)

**OLEYL OLEATE**

RD Number: 977063-14-1

*Definition:* Oleyl Oleate is the ester of Oleyl Alcohol (q.v.) and oleic acid. It conforms to the formula:

## Oleyl Oleate (Cont.)



Information Sources: HUN

Other Names:

Beta OO (Beta)  
Wickenol 143 (Wickhen)

## OLIVE EXTRACT

RD Number: 977065-26-1

Definition: Olive Extract is an extract of the fruit of *Olea europaea*.

## OLIVE OIL

CAS Number: MX8001-25-0

Definition: Olive Oil is the fixed oil obtained from the ripe fruit of *Olea europaea*.

Information Sources: ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FI, FIN, ITA, MAR, MEX, MI, PF, PJ, POR, USD, USP, YUG

## ORANGE OIL

CAS Number: MX8008-57-9

Definition: Orange Oil is the volatile oil obtained by expression from the fresh peel of the ripe fruit *Citrus sinensis*.

Information Sources: BPC, FCC, MAR, MI, USD, USP, 21CFR121.101

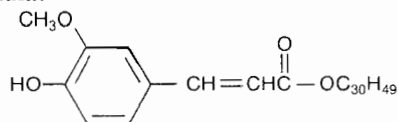
Other Names:

Exchange Orange Oil (USP)  
(Sunkist Growers)  
Oil of Orange

## ORIZANOL

RD Number: 977069-40-1

Definition: Orizanol is an ester of ferulic acid and a terpene alcohol that conforms generally to the formula:



It is derived from rice bran oil

Other Names:

$\gamma$ -Orizanol

## OURICURY WAX

RD Number: 977065-27-2

Definition: Ouricury Wax is the wax exuded from the leaves of the Ouricury Palm, *Syagrus coronata*.

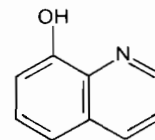
Information Sources: MAR

## OXYQUINOLINE

CAS Number: 148-24-3

## Ozokerite

Definition: Oxyquinoline is the aromatic alcohol that conforms to the formula:



Information Sources: MAR, MI

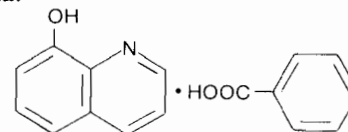
Other Names:

8-Hydroxyquinoline

## OXYQUINOLINE BENZOATE

CAS Number: 7091-57-8

Definition: Oxyquinoline Benzoate is the salt of oxyquinoline and benzoic acid. It conforms to the formula:



Information Sources: CTFA

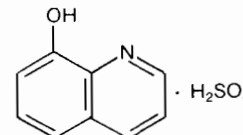
Other Names:

8-Hydroxyquinoline Benzoate (Salt)  
8-Quinolinol Benzoate (Salt)  
8-Quinolinol Monobenzoate (Salt)

## OXYQUINOLINE SULFATE

CAS Number: 134-31-6

Definition: Oxyquinoline Sulfate is the salt of oxyquinoline and sulfuric acid. It conforms to the formula:



Information Sources: CTFA, MAR, MI, NFJ

Other Names:

8-Hydroxyquinoline Sulfate

## OZOKERITE

CAS Number: MX8021-55-4

Definition: Ozokerite is a bituminous hydrocarbon wax derived from mineral or petroleum sources.

Information Sources: CTFA, 21CFR121.2520

Other Names:

Duron Ozokerite 4350 (*Dura*)  
Duron Ozokerite 71/74 (*Dura*)  
Ozocerite  
Ozokerite Wax 170 M.F. (*Strahl & Pitsch*)  
Plymouth White Ozokerite Wax 170-D  
(*Penick*)  
Plymouth White Ozokerite Wax 170-MF  
(*Penick*)  
Plymouth Yellow Ozokerite Wax S Special  
(*Penick*)

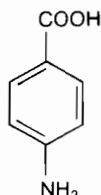
MONOGRAPHS

P

**PABA**

CAS Number: 150-13-0

Definition: PABA is the aromatic acid that conforms to the formula:



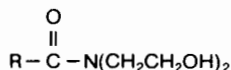
Information Sources: AUS, BPC, BRA, CZE, DDR, MAR, MI, NFJ, PJ, ROM, USD, USP

Other Names:  
p-Aminobenzoic Acid

**PALMAMIDE DEA**

RD Number: 977069-41-2

Definition: Palmamide DEA is a mixture of ethanolamides of palm oil acid. It conforms generally to the formula:



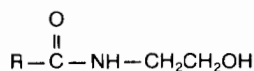
where  $\overset{\text{O}}{\parallel}{C}$  represents the palm oil acid radical.

Other Names:  
N,N-Bis(2-Hydroxyethyl) Palm Oil Acid Amide  
Cyclomide PD (*Witco/Cyclo Div*)  
Diethanolamine Palm Oil Acid Amide  
Palm Oil Acid Diethanolamide

**PALMAMIDE MEA**

RD Number: 977069-42-3

Definition: Palmamide MEA is a mixture of ethanolamides of palm oil acid. It conforms generally to the formula:



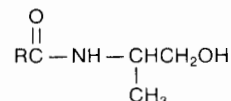
where  $\overset{\text{O}}{\parallel}{C}$  represents the palm oil acid radical.

Other Names:  
Cyclomide PM (*Witco/Cyclo Div*)  
N-(2-Hydroxyethyl) Palm Oil Acid Amide  
Monoethanolamine Palm Oil Acid Amide  
Palm Oil Acid Monoethanolamide

**PALMAMIDE MIPA**

RD Number: 977069-43-4

Definition: Palmamide MIPA is a mixture of mono-isopropanolamides of palm oil acid. It conforms generally to the formula:



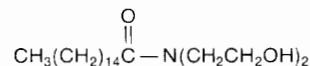
where  $\overset{\text{O}}{\parallel}{C}$  represents the palm oil acid radical.

Other Names:  
Cyclomide PP (*Witco/Cyclo Div.*)  
Monoisopropanolamine Palm Oil Acid Amide  
Palm Oil Acid Monoisopropanolamide

**PALMITAMIDE DEA**

RD Number: 977066-46-8

Definition: Palmitamide DEA is a mixture of ethanolamides of palmitic acid. It conforms generally to the formula:



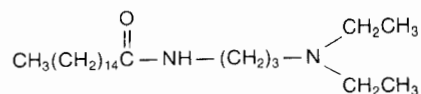
Information Sources: 21CFR121.2571

Other Names:  
N,N-Bis(2-Hydroxyethyl) Palmitamide  
Diethanolamine Palmitic Acid Amide  
Palmitic Diethanolamide  
Schercomid SPO (*Scher Bros.*)

**PALMITAMIDOPROPYL  
DIETHYLAMINE**

RD Number: 977065-28-3

Definition: Palmitamidopropyl Diethylamine is the amidoamine that conforms to the formula:



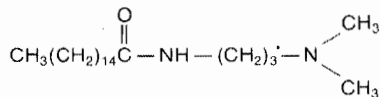
Other Names:  
Diethylaminopropyl Palmitamide

**PALMITAMIDOPROPYL  
DIMETHYLAMINE**

RD Number: 977062-34-2

Definition: Palmitamidopropyl Dimethylamine is the amidoamine that conforms to the formula:

## Palmitamidopropyl Dimethylamine (Cont.)



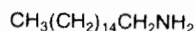
### Other Names:

Betamid P-10 (*Beta*)  
Dimethylaminopropyl Palmitamide  
Tegamine P-13 (*Inolex*)

## PALMITAMINE

RD Number: 977057-57-0

**Definition:** Palmitamine is the primary aliphatic amine of palmitic acid. It conforms to the formula:



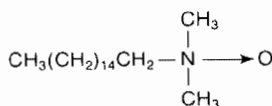
### Other Names:

Armeen 16D (*Armak*)  
Palmityl Amine

## PALMITAMINE OXIDE

RD Number: 977066-47-9

**Definition:** Palmitamine Oxide is the tertiary amine oxide that conforms to the formula:



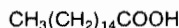
### Other Names:

Aromox DM16 (*Armak*)  
Palmityl Dimethylamine Oxide

## PALMITIC ACID

CAS Number: 57-10-3

**Definition:** Palmitic Acid is a mixture of fatty acids consisting chiefly of palmitic acid. It conforms generally to the formula:



**Information Sources:** CTFA, FCC, MI,  
21CFR121.1070, 21CFR121.1099

### Other Names:

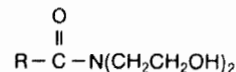
Emersol 140 (*Emery*)  
Emersol 142 (*Emery*)  
Emersol 144 (*Emery*)  
Emery 425 (*Emery*)  
Glycon P-45 (*Glyco*)  
n-Hexadecanoic Acid  
Hydrofol Acid 1690 (*Ashland*)  
Hystrene 7016 (*Humko Sheffield*)  
Hystrene 9016 (*Humko Sheffield*)  
Neo-Fat 16 (*Armak*)  
Neo-Fat 16-S (*Armak*)  
Neo-Fat 16-54 (*Armak*)  
Neo-Fat 16-56 (*Armak*)

## Palm Kernelamide MIPA

## PALM KERNELAMIDE DEA

RD Number: 977069-44-5

**Definition:** Palm Kernelamide DEA is a mixture of ethanolamides of palm kernel oil acid. It conforms generally to the formula:



where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the palm kernel oil acid radical.

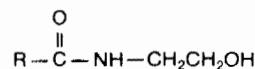
### Other Names:

N,N-Bis(2-Hydroxyethyl) Palm Kernel Oil Acid Amide  
Cyclomide KD (*Witco/Cyclo Div.*)  
Diethanolamine Palm Kernel Oil Acid Amide  
Palm Kernel Oil Acid Diethanolamide

## PALM KERNELAMIDE MEA

RD Number: 977069-45-6

**Definition:** Palm Kernelamide MEA is a mixture of ethanolamides of palm kernel oil acid. It conforms generally to the formula:



where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the palm kernel oil acid radical.

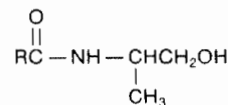
### Other Names:

Cyclomide KM (*Witco/Cyclo Div.*)  
N-(2-Hydroxyethyl) Palm Kernel Oil Acid Amide  
Monoethanolamine Palm Kernel Oil Acid Amide  
Palm Kernel Oil Acid Monoethanolamide

## PALM KERNELAMIDE MIPA

RD Number: 977069-46-7

**Definition:** Palm Kernelamide MIPA is a mixture of monoisopropanolamides of palm kernel oil acid. It conforms generally to the formula:



where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the palm kernel oil acid radical.

### Other Names:

Cyclomide KP (*Witco/Cyclo Div.*)  
Monoisopropanolamine Palm Kernel Oil Acid Amide  
Palm Kernel Oil Acid Monoisopropanolamide



**PALM KERNEL OIL**

CAS Number: MX8023-79-8

*Definition:* Palm Kernel Oil is a natural oil obtained from the kernels of *Elaeis guineensis*.

*Information Sources:* CTFA, BP, MAR, MI

**PALM OIL**

CAS Number: MX8002-75-3

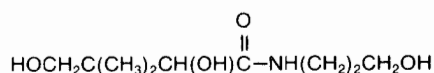
*Definition:* Palm Oil is a natural oil obtained from *Elaeis guineensis*.

*Information Sources:* CTFA, MI, 21CFR121.2514, 21CFR121.2519, 21CFR121.2535

**PANTHENOL**

CAS Number: 17307-32-3

*Definition:* Panthenol is the alcohol that conforms to the formula:



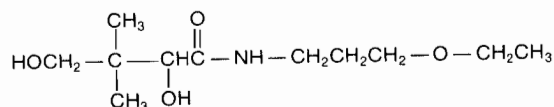
*Information Sources:* CTFA, AUS, DDR, FCC, MAR, MI, PN, USAN, 21CFR121.101

*Other Names:*

Dexpanthenol  
D-Panthenol  
DL-Panthenol  
DL-Panthenol Cosmetic Grade No. 63920 (Roche)  
D-Panthenol No. 63912 (Roche)  
DL-Panthenol No. 63915 (Roche)  
D-Panthenol Regular Type No. 63909 (Roche)  
Panthothenyl Alcohol

**PANTHENYL ETHYL ETHER**

*Definition:* Panthenyl Ethyl Ether is the ethyl ether of Panthenol (q.v.). It conforms to the formula:

*Other Names:*

SD-35 (Daiichi Seiyaku)

**PARAFFIN**

CAS Number: MX8002-74-2

*Definition:* Paraffin is a solid mixture of hydrocarbons obtained from petroleum characterized by relatively large crystals.

*Information Sources:* CTFA, ARG, AUS, BEL, BP, BPC, BRA, DA, DDR, EGY, FI, FIN, HUN, IND, ITA, MAR, MI, NF, PF, PJ, PN, POR, ROM, SNPF, USD, YUG, 21CFR121.2514

*Other Names:*

ARCO (ARCO)  
Aristowax 143 (Union Oil)  
Aristowax 165 (Union Oil)  
Esbeco Paraffin Wax #100 (Stevenson)  
Eskar Wax R-25 (Amoco)  
Eskar Wax R-35 (Amoco)  
Eskar Wax R-40 (Amoco)  
Eskar Wax R-45 (Amoco)  
Gulfwax 27 (Gulf)  
Gulfwax 33 (Gulf)  
Paraffin Wax  
Parvan 2730 (EXXON)  
Parvan 3150 (EXXON)  
Parvan 3830 (EXXON)  
Parvan 4050 (EXXON)  
Parvan 4450 (EXXON)  
Parvan 4550 (EXXON)  
Parvan 5250 (EXXON)  
Parvan 6550 (EXXON)  
Petroleum Wax, Crystalline

**PARETH-13-5**

RD Number: 977063-93-6

*Definition:* Pareth-13-5 is a polyethylene glycol ether of a mixture of synthetic C11-13 fatty alcohols with an average of 5 moles of ethylene oxide.

*Other Names:*

Tergitol 13-S-5 (Union Carbide)

**PARETH-13-7**

RD Number: 977063-94-7

*Definition:* Pareth-13-7 is a polyethylene glycol ether of a mixture of synthetic C11-13 fatty alcohols with an average of 7 moles of ethylene oxide.

*Other Names:*

Tergitol 13-S-7 (Union Carbide)

**PARETH-15-3**

RD Number: 977063-97-0

*Definition:* Pareth-15-3 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 3 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-3 (Union Carbide)

**PARETH-15-5**

RD Number: 977064-00-8

*Definition:* Pareth-15-5 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 5 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-5 (Union Carbide)

**PARETH-15-7**

RD Number: 977064-01-9

*Definition:* Pareth-15-7 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 7 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-7 (*Union Carbide*)**PARETH-15-9**

RD Number: 977054-90-2

*Definition:* Pareth-15-9 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 9 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-9 (*Union Carbide*)**PARETH-15-12**

RD Number: 977063-95-8

*Definition:* Pareth-15-12 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 12 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-12 (*Union Carbide*)**PARETH-15-20**

RD Number: 977063-96-9

*Definition:* Pareth-15-20 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 20 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-20 (*Union Carbide*)**PARETH-15-30**

RD Number: 977063-98-1

*Definition:* Pareth-15-30 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 30 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-30 (*Union Carbide*)**PARETH-15-40**

RD Number: 977063-99-2

*Definition:* Pareth-15-40 is a polyethylene glycol ether of a mixture of synthetic C11-15 fatty alcohols with an average of 40 moles of ethylene oxide.

*Other Names:*

Tergitol 15-S-40 (*Union Carbide*)**PARETH-25-3**

RD Number: 977061-52-1

*Definition:* Pareth-25-3 is a polyethylene glycol ether of a mixture of synthetic C12-15 fatty alcohols with an average of 3 moles of ethylene oxide.

*Other Names:*

Neodol 25-3 (*Shell*)Sterling Emulsifier #3 (*Canada Packers*)**PARETH-25-4**

RD Number: 977064-02-0

*Definition:* Pareth-25-4 is a polyethylene glycol ether of a mixture of synthetic C12-15 fatty alcohols with an average of 4 moles of ethylene oxide.

**PARETH-25-7**

RD Number: 977054-91-3

*Definition:* Pareth-25-7 is a polyethylene glycol ether of a mixture of synthetic C12-15 fatty alcohols with an average of 7 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Neodol 25-7 (*Shell*)**PARETH-25-12**

RD Number: 977054-92-4

*Definition:* Pareth-25-12 is a polyethylene glycol ether of a mixture of synthetic C12-15 fatty alcohols with an average of 12 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Neodol 25-12 (*Shell*)**PARETH-45-10**

RD Number: 977064-03-1

*Definition:* Pareth-45-10 is a polyethylene glycol ether of a mixture of synthetic C14-15 fatty alcohols with an average of 10 moles of ethylene oxide.

*Other Names:*

Tergitol 45-S-10 (*Union Carbide*)**PARSLEY SEED OIL**

*Definition:* Parsley Seed Oil is a volatile oil obtained from the seeds of *Petroselinum sativum*.

*Information Sources:* FCC, HP, PF, 21CFR121.101

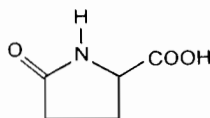
*Other Names:*

Oil of Parsley Seed

**PCA**

CAS Number: 98-79-3

*Definition:* PCA is the cyclic organic compound that conforms to the formula:



Information Sources: MI

Other Names:

Ajidew A-100 (*Ajinomoto*)  
L-Pyrroglutamic Acid  
2-Pyrrolidone-5-Carboxylic Acid

## PEACH JUICE

RD Number: 977065-29-4

Definition: Peach Juice is a liquid obtained from peach pulp.

## PEACH KERNEL OIL

CAS Number: MX8023-98-1

Definition: Peach Kernel Oil is the oil expressed from the kernels of *Prunus persica*.

Information Sources: BEL, MAR, MI, NF, PF, USD, 21CFR121.101

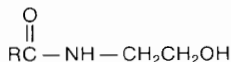
Other Names:

Persic Oil

## PEANUTAMIDE MEA

RD Number: 977066-48-0

Definition: Peanutamide MEA is a mixture of monoethanolamides of Peanut Oil (q.v.). It conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ \parallel \\ \text{RC} - \end{array}$  represents peanut fatty radicals.

Information Sources: CTFA

Other Names:

N-(2 Hydroxyethyl) Peanut Acid Amide  
Loramine Wax (*Croda*)  
Monoethanolamine Peanut Acid Amide  
Peanut Fatty Acid Monoethanolamide

## PEANUT OIL

CAS Number: MX8002-03-7

Definition: Peanut Oil is the refined fixed oil obtained from the seed kernels of one or more of the cultivated varieties of *Arachis hypogaea*.

Information Sources: ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, DDR, EGY, FI, FIN, IND, ITA, MAR, MEX, MI, NED, PF, PN, POL, POR, USD, USP, WHO, YUG, 21CFR121.101, 21CFR121.2519, 21CFR121.2535

Other Names:

Arachis Oil

## PECAN SHELL POWDER

RD Number: 977057-58-1

Definition: Pecan Shell Powder is a powder made from finely ground pecan shells.

## PECTIN

CAS Number: PM9000-69-5

Definition: Pectin is a purified carbohydrate product obtained from the dilute acid extract of the inner portion of the rind of citrus fruits or from apple pomace. It consists chiefly of partially methoxylated polygalacturonic acids.

Information Sources: AUS, BRA, FCC, MAR, MI, NF, USD

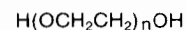
Other Names:

Citrus Pectin  
Sunkist Pectin (*Sunkist Growers*)

## PEG-4

RD Number: 977007-39-8

Definition: PEG-4 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 4.

Information Sources: CTFA, FCC, MAR, ROM, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520

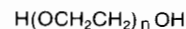
Other Names:

Carbowax 200 (*Union Carbide*)  
Carsonon PEG-200 (*Carson*)  
Macrogol 200  
Polyethylene Glycol 200  
Polyglycol E-200 (*Dow*)  
Polyoxyethylene (4)

## PEG-6

RD Number: 977007-40-1

Definition: PEG-6 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 6.

Information Sources: CTFA, BP, BPC, CZE, FCC, MAR, NF, PJ, ROM, USD, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

Other Names:

Carbowax 300 (*Union Carbide*)  
Carsonon PEG-300 (*Carson*)  
Macrogol 300  
Polyethylene Glycol 300  
Polyglycol E-300 (*Dow*)  
Polyoxyethylene (6)

**PEG-6-32**

RD Number: 977053-63-6

*Definition:* PEG-6-32 is a mixture of PEG-6 and PEG-32.

*Information Sources:* CTFA, MAR, MI, PJ, POL, ROM, USP, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

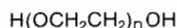
*Other Names:*

Carbowax 1500 (*Union Carbide*)  
Carsonon PEG-1500 (*Carson*)  
Macrogol 1500  
Polyethylene Glycol 1500  
Polyoxyethylene 1500

**PEG-8**

RD Number: 977077-41-2

*Definition:* PEG-8 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 8.

*Information Sources:* CTFA, BRA, FCC, HUN, MAR, NFJ, PJ, PN, POL, ROM, USD, USP, 21CFR121.1099, 21CFR121.1185, 21CFR121.2005, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

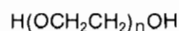
*Other Names:*

Carbowax 400 (*Union Carbide*)  
Carsonon PEG-400 (*Carson*)  
Hodag PEG 400 (*Hodag*)  
Macrogol 400  
Polyethylene Glycol 400  
Polyglycol E-400 (*Dow*)  
Polyoxyethylene (8)

**PEG-12**

RD Number: 977053-61-4

*Definition:* PEG-12 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 12.

*Information Sources:* CTFA, FCC, ROM, USP, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

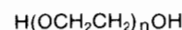
*Other Names:*

Carbowax 600 (*Union Carbide*)  
Carsonon PEG-600 (*Carson*)  
Polyethylene Glycol 600  
Polyglycol E-600 (*Dow*)  
Polyoxyethylene (12)

**PEG-14**

RD Number: 977059-82-7

*Definition:* PEG-14 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 14.

*Information Sources:* 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

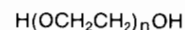
*Other Names:*

Polyethylene Glycol (14)  
Polyoxyethylene (14)

**PEG-20**

RD Number: 977053-62-5

*Definition:* PEG-20 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 20.

*Information Sources:* CTFA, FCC, MI, ROM, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

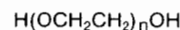
*Other Names:*

Carbowax 1000 (*Union Carbide*)  
Carsonon PEG-1000 (*Carson*)  
Polyethylene Glycol 1000  
Polyglycol E-1000 (*Dow*)  
Polyoxyethylene (20)

**PEG-32**

RD Number: 977007-42-3

*Definition:* PEG-32 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 32.

*Information Sources:* CTFA, BP, BPC, CZE, FCC, HUN, MAR, MI, NF, USD, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

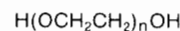
*Other Names:*

Carbowax 1540 (*Union Carbide*)  
Carsonon PEG-1540 (*Carson*)  
Macrogol 1540  
Polyethylene Glycol 1540  
Polyglycol E-1450 (*Dow*)  
Polyoxyethylene (32)

**PEG-40**

RD Number: 977065-62-5

*Definition:* PEG-40 is the polymer of ethylene oxide that conforms generally to the formula:



## PEG-40 (Cont.)

where n has an average value of 40.

*Information Sources:* ROM, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

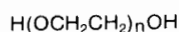
*Other Names:*

Polyethylene Glycol 2000  
Polyglycol E-2000 (Dow)  
Polyoxyethylene (40)

## PEG-75

*RD Number:* 977007-43-4

*Definition:* PEG-75 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 75.

*Information Sources:* CTFA, BP, BPC, BRA, FCC, HUN, MAR, MI, NFJ, PJ, PN, POL, ROM, USD, USP, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531

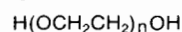
*Other Names:*

Carbowax 4000 (Union Carbide)  
Carsonon PEG-4000 (Carson)  
Macrogol 4000  
Polyethylene Glycol 4000  
Polyglycol E-4000 (Dow)  
Polyglycol E-4000 USP (Dow)  
Polyoxyethylene (75)

## PEG-150

*RD Number:* 977053-64-7

*Definition:* PEG-150 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 150.

*Information Sources:* CTFA, FCC, MAR, MI, PJ, PN, ROM, USP, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2520, 21CFR121.2531, 21CFR121.2576

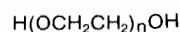
*Other Names:*

Carbowax 6000 (Union Carbide)  
Carsonon PEG-6000 (Carson)  
Macrogol 6000  
Polyethylene Glycol 6000  
Polyglycol E-6000 (Dow)  
Polyoxyethylene (150)

## PEG-200

*RD Number:* 977063-53-8

*Definition:* PEG-200 is the polymer of ethylene oxide that conforms generally to the formula:



## PEG-7M

where n has an average value of 200.

*Information Sources:* FCC, 21CFR121.1099, 21CFR121.1185, 21CFR121.2513, 21CFR121.2531

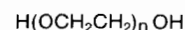
*Other Names:*

Polyethylene Glycol 9000  
Polyglycol E-9000 (Dow)  
Polyoxyethylene (200)

## PEG-350

*RD Number:* 977054-93-5

*Definition:* PEG-350 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 350.

*Information Sources:* CTFA, 21CFR121.2531

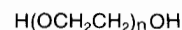
*Other Names:*

Carbowax 20M (Union Carbide)  
Polyethylene Glycol 20000  
Polyglycol E-20000 (Dow)  
Polyoxyethylene (350)

## PEG-2M

*RD Number:* 977062-03-5

*Definition:* PEG-2M is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 2000.

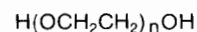
*Other Names:*

PEG-2000  
Polyethylene Glycol (2000)  
Polyox WSR N-10 (Union Carbide)  
Polyoxyethylene (2000)

## PEG-5M

*RD Number:* 977054-94-6

*Definition:* PEG-5M is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 5000.

*Other Names:*

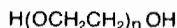
Polyethylene Glycol 200,000  
Polyox Resin WSR 35 (Union Carbide)  
Polyox WSR N-80 (Union Carbide)  
Polyoxyethylene (5000)

## PEG-7M

*RD Number:* 977054-95-7

*Definition:* PEG-7M is the polymer of ethylene oxide that conforms generally to the formula:

## PEG-7M (Cont.)



where n has an average value of 7000.

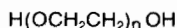
### Other Names:

Polyethylene Glycol 300,000  
Polyox WSR N-750 (*Union Carbide*)  
Polyoxyethylene (7000)

## PEG-14M

RD Number: 977054-96-8

**Definition:** PEG-14M is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 14000.

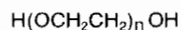
### Other Names:

Polyethylene Glycol 600,000  
Polyox WSR N-3000 (*Union Carbide*)  
Polyox WSR-205 (*Union Carbide*)  
Polyoxyethylene (14000)

## PEG-20M

RD Number: 977065-45-4

**Definition:** PEG-20M is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 20,000.

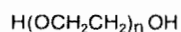
### Other Names:

PEG-20000  
Polyethylene Glycol (20000)  
Polyox WSR-1105 (*Union Carbide*)  
Polyoxyethylene (20000)

## PEG-90M

RD Number: 977054-97-9

**Definition:** PEG-90M is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 90000.

### Other Names:

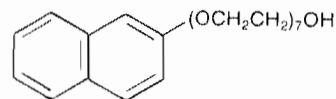
PEG-90000  
Polyethylene Glycol (90000)  
Polyox WSR-301 (*Union Carbide*)  
Polyoxyethylene (90000)

## PEG-7 BETANAPHTHOL

RD Number: 977059-75-8

**Definition:** PEG-7 Betanaphthol is the polyethylene glycol ether of 2-Naphthol (q.v.) that conforms to the formula:

## PEG-25 Castor Oil

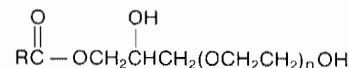


### Other Names:

PEG-7-2-Naphthol  
Polyethylene Glycol (7) Betanaphthol  
Polyoxyethylene (7) Betanaphthol

## PEG-6 CAPRYLIC/CAPRIC GLYCERIDES

**Definition:** PEG-6 Caprylic/Capric Glycerides is the ethoxylated glyceride that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{C}}-$  is a mixture of caprylic and capric radicals and n has an average value of 6.

### Other Names:

Neobee 101 (*PVO*)  
Polyethylene Glycol 300 Caprylic/Capric Glycerides  
Softigen 767 (*Dynamit-Nobel*)

## PEG-8 CASTOR OIL

RD Number: 977054-98-0

**Definition:** PEG-8 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 8 moles of ethylene oxide.

**Information Sources:** 21CFR121.2520

### Other Names:

Polyethylene Glycol 400 Castor Oil  
Polyoxyethylene (8) Castor Oil

## PEG-9 CASTOR OIL

RD Number: 977065-86-3

**Definition:** PEG-9 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 9 moles of ethylene oxide.

**Information Sources:** 21CFR121.2520

### Other Names:

Lipal 9C (*PVO*)  
Polyethylene Glycol 450 Castor Oil  
Polyoxyethylene (9) Castor Oil  
Protachem CA-9 (*Protameen*)

## PEG-25 CASTOR OIL

RD Number: 977063-56-1

**Definition:** PEG-25 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 25 moles of ethylene oxide.

Information Sources: 21CFR121.2520

Other Names:

Lipal 25C (PVO)  
Pegospere 1100 CO (Glyco)  
Polyethylene Glycol (25) Castor Oil  
Polyoxyethylene (25) Castor Oil  
Protachem CA-25 (Protameen)

### PEG-30 CASTOR OIL

RD Number: 977059-28-1

Definition: PEG-30 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 30 moles of ethylene oxide.

Information Sources: 21CFR121.2520

Other Names:

Emulphor EL-620 (GAF)  
Polyethylene Glycol (30) Castor Oil  
Polyoxyethylene (30) Castor Oil  
Protachem CA-30 (Protameen)

### PEG-36 CASTOR OIL

RD Number: 977054-99-1

Definition: PEG-36 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 36 moles of ethylene oxide.

Information Sources: CTFA, 21CFR121.2520

Other Names:

Polyethylene Glycol 1800 Castor Oil  
Polyoxyethylene (36) Castor Oil

### PEG-40 CASTOR OIL

RD Number: 977055-00-7

Definition: PEG-40 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 40 moles of ethylene oxide.

Information Sources: 21CFR121.2520,  
21CFR121.2571

Other Names:

Emulphor EL-719 (GAF)  
Pegospere 2000 CO (Glyco)  
Polyethylene Glycol 2000 Castor Oil  
Polyoxyethylene (40) Castor Oil  
Protachem CA-40 (Protameen)  
Surfactol 365 (NL Industries)  
T-DET C-40 (Thompson-Hayward)

### PEG-60 CASTOR OIL

RD Number: 977065-79-4

Definition: PEG-60 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 60 moles of ethylene oxide.

Information Sources: CTFA, 21CFR121.2520

Other Names:

Polyethylene Glycol (60) Castor Oil  
Polyoxyethylene (60) Castor Oil

### PEG-100 CASTOR OIL

RD Number: 977063-24-3

Definition: PEG-100 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 100 moles of ethylene oxide.

Other Names:

Polyethylene Glycol (100) Castor Oil  
Polyoxyethylene (100) Castor Oil  
Protachem CA-100 (Protameen)

### PEG-200 CASTOR OIL

RD Number: 977063-54-9

Definition: PEG-200 Castor Oil is a polyethylene glycol derivative of Castor Oil (q.v.) with an average of 200 moles of ethylene oxide.

Information Sources: CTFA

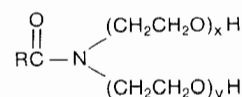
Other Names:

Pegospere 9000 CO (Glyco)  
Polyethylene Glycol (200) Castor Oil  
Polyoxyethylene (200) Castor Oil  
Protachem CA-200 (Protameen)

### PEG-3 COCAMIDE

RD Number: 977061-46-3

Definition: PEG-3 Cocamide is the polyethylene glycol amide of Coconut Acid (q.v.) that conforms generally to the formula:



where  $\text{RC} - \overset{\text{O}}{\parallel}$  represents the coconut acid radical and  $x + y$  has an average value of 3.

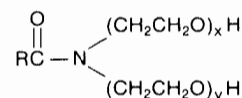
Other Names:

Amidox C-2 (Stepan)  
Polyethylene Glycol (3) Coconut Amide  
Polyoxyethylene (3) Coconut Amide

### PEG-6 COCAMIDE

RD Number: 977061-47-4

Definition: PEG-6 Cocamide is the polyethylene glycol amide of Coconut Acid (q.v.) that conforms generally to the formula:



O  
||  
where RC- represents the coconut acid radical and  
x + y has an average value of 6.

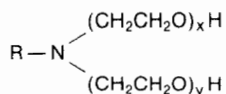
**Other Names:**

Amidox C-5 (Stapan)  
Polyethylene Glycol 300 Coconut Amide  
Polyoxyethylene (6) Coconut Amide

**PEG-2 COCAMINE**

RD Number: 977061-61-2

**Definition:** PEG-2 Cocamine is the polyethylene glycol amine of Coconut Acid (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 2.

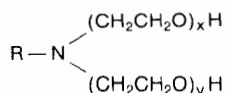
**Other Names:**

Chemox C-2 (Chemical Products)  
Ethomeen C/12 (Armak)  
Polyethylene Glycol 100 Coconut Amine  
Polyoxyethylene (2) Coconut Amine  
Prottox C-2 (Protameen)

**PEG-5 COCAMINE**

RD Number: 977066-78-6

**Definition:** PEG-5 Cocamine is the polyethylene glycol amine of Coconut Acid (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 5.

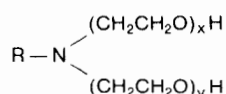
**Other Names:**

Chemox C-5 (Chemical Products)  
Ethomeen C/15 (Armak)  
Polyethylene Glycol (5) Coconut Amine  
Polyoxyethylene (5) Coconut Amine  
Prottox C-5 (Protameen)

**PEG-10 COCAMINE**

RD Number: 977063-21-0

**Definition:** PEG-10 Cocamine is the polyethylene glycol amine of Coconut Acid (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 10.

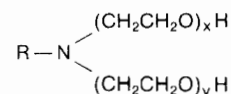
**Other Names:**

Chemox C-10 (Chemical Products)  
Ethomeen C/20 (Armak)  
Polyethylene Glycol (10) Coconut Amine  
Polyoxyethylene (10) Coconut Amine  
Prottox C-10 (Protameen)

**PEG-15 COCAMINE**

CAS Number: MX8051-52-3

**Definition:** PEG-15 Cocamine is the polyethylene glycol amine of Coconut Acid (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 15.

Information Sources: CTFA

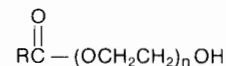
**Other Names:**

Chemox C-15 (Chemical Products)  
Ethomeen C/25 (Armak)  
Polyethylene Glycol (15) Coconut Amine  
Polyoxyethylene (15) Coconut Amine  
Prottox C-15 (Protameen)

**PEG-5 COCOATE**

RD Number: 977065-64-7

**Definition:** PEG-5 Cocoate is the polyethylene glycol ester of Coconut Acid (q.v.) that conforms generally to the formula:



where RC- represents the coconut acid radicals and n has an average value of 5.

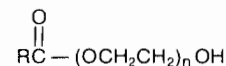
**Other Names:**

Ethofat C/15 (Armak)  
Polyethylene Glycol (5) Monococoate  
Polyoxyethylene (5) Monococoate

**PEG-8 COCOATE**

RD Number: 977055-01-8

**Definition:** PEG-8 Cocoate is the polyethylene glycol ester of Coconut Acid (q.v.) that conforms generally to the formula:



where RC- represents the coconut acid radicals and n has an average value of 8.

Information Sources: CTFA, 21CFR121.2526,  
21CFR121.2557



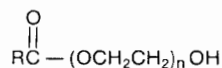
**Other Names:**

Emulsynt 610-A (*Van Dyk*)  
 Pegosperser 400 MC (*Glyco*)  
 Polyethylene Glycol 400 Monococoate  
 Polyoxyethylene (8) Monococoate

**PEG-15 COCOATE**

RD Number: 977065-34-1

**Definition:** PEG-15 Cocoate is the polyethylene glycol ester of Coconut Acid (q.v.) that conforms generally to the formula:



where  $\text{RC} \begin{array}{c} \text{O} \\ \parallel \\ \text{---} \end{array}$  represents the coconut acid radicals and n has an average value of 15.

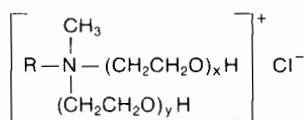
**Other Names:**

Ethofat C/25 (*Armak*)  
 Polyethylene Glycol (15) Monococoate  
 Polyoxyethylene (15) Monococoate

**PEG-2 COCOYL QUATERNIUM-4**

RD Number: 977066-72-0

**Definition:** PEG-2 Cocoyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 2.

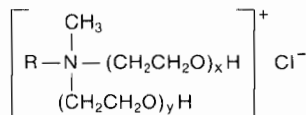
**Other Names:**

Ethoquad C/12 (*Armak*)  
 Polyethylene Glycol 100 Cocoyl Quaternium-4  
 Polyoxyethylene (2) Cocoyl Quaternium-4

**PEG-15 COCOYL QUATERNIUM-4**

RD Number: 977066-75-3

**Definition:** PEG-15 Cocoyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:



where R represents the coconut radical and x + y has an average value of 15.

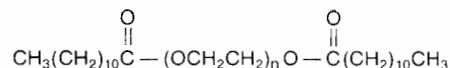
**Other Names:**

Ethoquad C/25 (*Armak*)  
 Polyethylene Glycol (15) Cocoyl Quaternium-4  
 Polyoxyethylene (15) Cocoyl Quaternium-4

**PEG-4 DILAURATE**

RD Number: 977055-02-9

**Definition:** PEG-4 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 4.

**Information Sources:** 21CFR121.2526,  
 21CFR121.2557, 21CFR121.2571

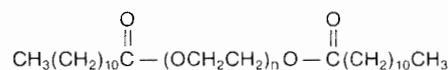
**Other Names:**

Cyclochem PEG 200 DL (*Cyclo*)  
 Emerest 2622 (*Malmstrom*)  
 Kessco PEG 200 Dilaurate (*Armak*)  
 Lipo-PEG 2 Di Laurate (*Lipo*)  
 Lonzest PEG-4DL (*Lonza*)  
 Pegosperser 200 DL (*Glyco*)  
 Polyethylene Glycol 200 Dilaurate  
 Polyoxyethylene (4) Dilaurate

**PEG-6 DILAURATE**

RD Number: 977055-03-0

**Definition:** PEG-6 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 6.

**Other Names:**

Beta PEG 3DL (*Beta*)  
 Kessco PEG 300 Dilaurate (*Armak*)  
 Lipal 300DL (*PVO*)  
 Lipo-PEG 3 Di Laurate (*Lipo*)  
 Polyethylene Glycol 300 Dilaurate  
 Polyoxyethylene (6) Dilaurate  
 Tegester Spreading Agent (*Inolex*)

**PEG-6-32 DILAURATE**

RD Number: 977065-77-2

**Definition:** PEG-6-32 Dilaurate is the diester of lauric acid and PEG-6-32 (q.v.).

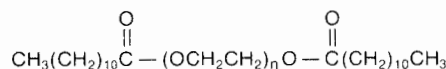
**Other Names:**

Pegosperser 1500 DL (*Glyco*)  
 Polyethylene Glycol 1500 Dilaurate  
 Polyoxyethylene 1500 Dilaurate

**PEG-8 DILAURATE**

RD Number: 977055-04-1

**Definition:** PEG-8 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 8.

## PEG-8 Dilaurate (Cont.)

Information Sources: CTFA, 21CFR121.2550

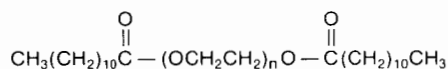
### Other Names:

Emerest 2652 (*Malmstrom*)  
Kessco PEG 400 Dilaurate (*Armak*)  
Lipal 400DL (*PVO*)  
Lipo-PEG 4 Di Laurate (*Lipo*)  
Pegospere 400 DL (*Glyco*)  
Polyethylene Glycol 400 Dilaurate  
Polyoxyethylene (8) Dilaurate

## PEG-12 DILAURATE

RD Number: 977063-27-6

Definition: PEG-12 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 12.

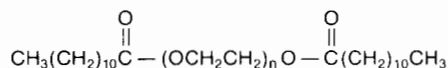
### Other Names:

Kessco PEG 600 Dilaurate (*Armak*)  
Polyethylene Glycol 600 Dilaurate  
Polyoxyethylene (12) Dilaurate

## PEG-20 DILAURATE

RD Number: 977063-47-0

Definition: PEG-20 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 20.

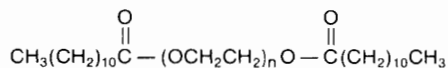
### Other Names:

Kessco PEG 1000 Dilaurate (*Armak*)  
Polyethylene Glycol 1000 Dilaurate  
Polyoxyethylene (20) Dilaurate

## PEG-32 DILAURATE

RD Number: 977065-53-4

Definition: PEG-32 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 32.

### Other Names:

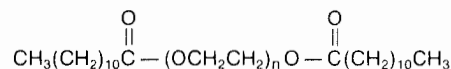
Kessco PEG 1540 Dilaurate (*Armak*)  
Polyethylene Glycol 1540 Dilaurate  
Polyoxyethylene (32) Dilaurate

## PEG-75 DILAURATE

RD Number: 977065-82-9

## PEG-6 Dioleate

Definition: PEG-75 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 75.

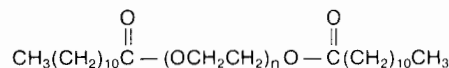
### Other Names:

Kessco PEG 4000 Dilaurate (*Armak*)  
Polyethylene Glycol 4000 Dilaurate  
Polyoxyethylene (75) Dilaurate

## PEG-150 DILAURATE

RD Number: 977055-05-2

Definition: PEG-150 Dilaurate is the polyethylene glycol diester of lauric acid that conforms to the formula:



where n has an average value of 150.

Information Sources: CTFA

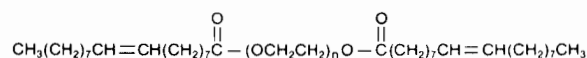
### Other Names:

Kessco PEG 6000 Dilaurate (*Armak*)  
Polyethylene Glycol 6000 Dilaurate  
Polyoxyethylene (150) Dilaurate

## PEG-4 DIOLEATE

RD Number: 977065-57-8

Definition: PEG-4 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 4.

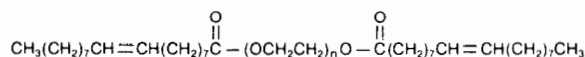
### Other Names:

Kessco PEG 200 Dioleate (*Armak*)  
Polyethylene Glycol 200 Dioleate  
Polyoxyethylene (4) Dioleate

## PEG-6 DIOLEATE

RD Number: 977055-06-3

Definition: PEG-6 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 6.

### Other Names:

Hodag 32-O (*Hodag*)  
Kessco PEG 300 Dioleate (*Armak*)  
Polyethylene Glycol 300 Dioleate  
Polyoxyethylene (6) Dioleate

**PEG-6-32 DIOLEATE**

RD Number: 977065-78-3

**Definition:** PEG-6-32 Dioleate is the diester of oleic acid and PEG-6-32 (q.v.).

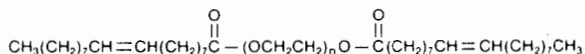
**Other Names:**

Pegospere 1500 DO (*Glyco*)  
Polyethylene Glycol 1500 Dioleate  
Polyoxyethylene 1500 Dioleate

**PEG-8 DIOLEATE**

RD Number: 977051-75-4

**Definition:** PEG-8 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 8.

**Information Sources:** CTFA, 21CFR121.203, 21CFR121.320, 21CFR121.2526, 21CFR121.2550, 21CFR121.2557

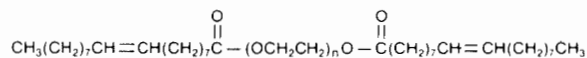
**Other Names:**

Emerest 2648 (*Malmstrom*)  
Emulsynt 600 (*Van Dyk*)  
Kessco PEG 400 Dioleate (*Armak*)  
Lipo-PEG 4 Di Oleate (*Lipo*)  
Lonzest PEG-4DO (*Lonza*)  
Nonisol 210 (*Ciba-Geigy*)  
Pegospere 400 DO (*Glyco*)  
Polyethylene Glycol 400 Dioleate  
Polyoxyethylene (8) Dioleate  
Protamate 400 DO (*Protameen*)

**PEG-10 DIOLEATE**

RD Number: 977065-30-7

**Definition:** PEG-10 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 10.

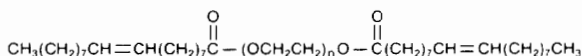
**Other Names:**

PAF 254, Palsgaard 2102 (*Palsgaard*)  
Polyethylene Glycol (10) Dioleate  
Polyoxyethylene (10) Dioleate

**PEG-12 DIOLEATE**

CAS Number: PM9005-07-6

**Definition:** PEG-12 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 12.

**Information Sources:** 21CFR121.1099, 21CFR121.2557

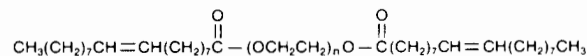
**Other Names:**

Kessco PEG 600 Dioleate (*Armak*)  
Polyethylene Glycol 600 Dioleate  
Polyoxyethylene (12) Dioleate

**PEG-20 DIOLEATE**

RD Number: 977063-48-1

**Definition:** PEG-20 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 20.

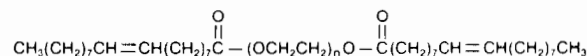
**Other Names:**

Kessco PEG 1000 Dioleate (*Armak*)  
Polyethylene Glycol 1000 Dioleate  
Polyoxyethylene (20) Dioleate

**PEG-32 DIOLEATE**

RD Number: 977065-54-5

**Definition:** PEG-32 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 32.

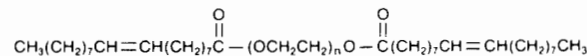
**Other Names:**

Kessco PEG 1540 Dioleate (*Armak*)  
Polyethylene Glycol 1540 Dioleate  
Polyoxyethylene (32) Dioleate

**PEG-75 DIOLEATE**

RD Number: 977065-83-0

**Definition:** PEG-75 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 75.

**Other Names:**

Kessco PEG 4000 Dioleate (*Armak*)  
Pegospere 4000 DO (*Glyco*)  
Polyethylene Glycol 4000 Dioleate  
Polyoxyethylene (75) Dioleate

**PEG-150 DIOLEATE**

RD Number: 977063-37-8

**Definition:** PEG-150 Dioleate is the polyethylene glycol diester of oleic acid that conforms to the formula:



where n has an average value of 150.

## PEG-150 Dioleate (Cont.)

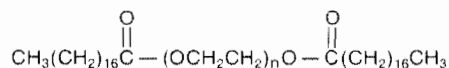
### Other Names:

Kessco PEG 6000 Dioleate (*Armak*)  
Polyethylene Glycol 6000 Dioleate  
Polyoxyethylene (150) Dioleate

## PEG-2 DISTEARATE

CAS Number: 109-30-8

**Definition:** PEG-2 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 2.

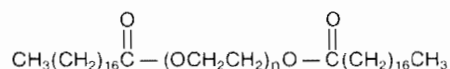
### Other Names:

Diethylene Glycol Distearate  
Polyethylene Glycol 100 Distearate  
Polyoxyethylene (2) Distearate

## PEG-3 DISTEARATE

RD Number: 977063-57-2

**Definition:** PEG-3 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 3.

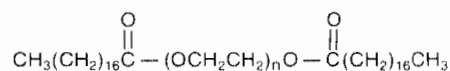
### Other Names:

Clouding Agent TS (*American Hoechst*)  
Genapol TS Powder (*American Hoechst*)  
Polyethylene Glycol (3) Distearate  
Polyoxyethylene (3) Distearate  
Triglycol Distearate

## PEG-4 DISTEARATE

RD Number: 977065-58-9

**Definition:** PEG-4 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 4.

### Other Names:

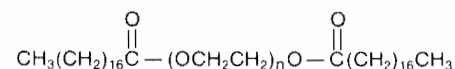
Cyclochem PEG 200 DS (*Cyclo*)  
Kessco PEG 200 Distearate (*Armak*)  
Polyethylene Glycol 200 Distearate  
Polyoxyethylene (4) Distearate

## PEG-6 DISTEARATE

RD Number: 977059-16-7

**Definition:** PEG-6 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:

## PEG-20 Distearate



where n has an average value of 6.

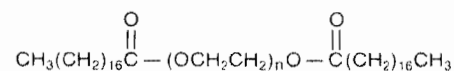
### Other Names:

Kessco PEG 300 Distearate (*Armak*)  
Polyethylene Glycol 300 Distearate  
Polyoxyethylene (6) Distearate

## PEG-8 DISTEARATE

RD Number: 977053-29-4

**Definition:** PEG-8 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 8.

**Information Sources:** CTFA, 21CFR121.2550

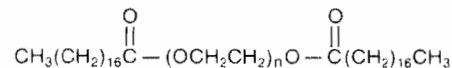
### Other Names:

Beta PEG 4DS (*Beta*)  
Cyclochem PEG 400 DS (*Cyclo*)  
Emerest 2642 (*Malmsstrom*)  
Kessco PEG 400 Distearate (*Armak*)  
Kessco PEG 400 DS-X356 (*Armak*)  
Lipal 400DS (*PVO*)  
Nonisol 300 (*Ciba-Geigy*)  
Pegospere 400 DS (*Glyco*)  
Polyethylene Glycol 400 Distearate  
Polyoxyethylene (8) Distearate  
Protamate 400 DS (*Protameen*)

## PEG-12 DISTEARATE

RD Number: 977055-07-4

**Definition:** PEG-12 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 12.

**Information Sources:** CTFA

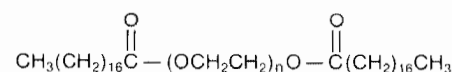
### Other Names:

Kessco PEG 600 Distearate (*Armak*)  
Polyethylene Glycol 600 Distearate  
Polyoxyethylene (12) Distearate  
Protamate 600DS (*Protameen*)

## PEG-20 DISTEARATE

RD Number: 977055-08-5

**Definition:** PEG-20 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



## PEG-20 Distearate (Cont.)

where n has an average value of 20.

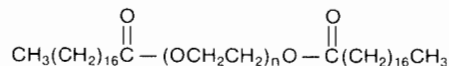
### Other Names:

Kessco PEG 1000 Distearate (*Armak*)  
Lipo-PEG 10 Di Stearate (*Lipo*)  
Polyethylene Glycol 1000 Distearate  
Polyoxyethylene (20) Distearate

## PEG-32 DISTEARATE

RD Number: 977055-09-6

**Definition:** PEG-32 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 32.

**Information Sources:** CTFA

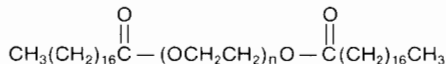
### Other Names:

Kessco PEG 1540 Distearate (*Armak*)  
Polyethylene Glycol 1540 Distearate  
Polyoxyethylene (32) Distearate

## PEG-75 DISTEARATE

RD Number: 977055-10-9

**Definition:** PEG-75 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 75.

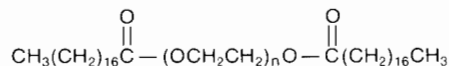
### Other Names:

Kessco PEG 4000 Distearate (*Armak*)  
Polyethylene Glycol 4000 Distearate  
Polyoxyethylene (75) Distearate

## PEG-150 DISTEARATE

RD Number: 977055-11-0

**Definition:** PEG-150 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 150.

**Information Sources:** CTFA

### Other Names:

Kessco PEG 6000 Distearate (*Armak*)  
Kessco X-211 (*Armak*)  
Polyethylene Glycol 6000 Distearate  
Polyoxyethylene (150) Distearate  
Protamate 6000 DS (*Protameen*)

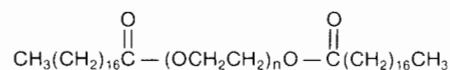
## PEG-175 DISTEARATE

RD Number: 977065-38-5

CTFA Cosmetic Ingredient Dictionary

## PEG-8 Ditriricinoleate

**Definition:** PEG-175 Distearate is the polyethylene glycol diester of stearic acid that conforms to the formula:



where n has an average value of 175.

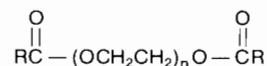
### Other Names:

Polyethylene Glycol (175) Distearate  
Polyoxyethylene (175) Distearate

## PEG-8 DITALLATE

RD Number: 977066-81-1

**Definition:** PEG-8 Ditallate is the polyethylene glycol diester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\text{RC}\overset{\text{O}}{\parallel}$  represents the tall oil fatty radicals and n has an average value of 8.

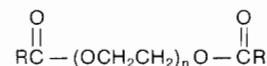
### Other Names:

Pegosperse 400 DOT (*Glyco*)  
Polyethylene Glycol 400 Ditallate  
Polyoxyethylene (8) Ditallate

## PEG-12 DITALLATE

RD Number: 977063-28-7

**Definition:** PEG-12 Ditallate is the polyethylene glycol diester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\text{RC}\overset{\text{O}}{\parallel}$  represents the tall oil fatty radicals and n has an average value of 12.

### Other Names:

Pegosperse 600 DOT (*Glyco*)  
Polyethylene Glycol 600 Ditallate  
Polyoxyethylene (12) Ditallate

## PEG-8 DITRIRICINOLEATE

RD Number: 977055-12-1

**Definition:** PEG-8 Ditriricinoleate is a polyethylene glycol ester of a mixture of dimer and trimer acids derived from ricinoleic acid.

### Other Names:

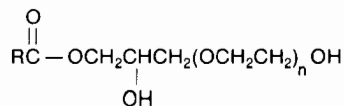
Pegosperse 400 DTR (*Glyco*)  
Polyethylene Glycol 400 Di-Tri-Ricinoleate  
Polyoxyethylene (8) Di-Tri-Ricinoleate

## PEG-7 Glyceryl Cocoate

### PEG-7 GLYCERYL COCOATE

RD Number: 977064-68-8

**Definition:** PEG-7 Glyceryl Cocoate is the polyethylene glycol ester of Glyceryl Cocoate (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the coconut radical and  $n$  has an average value of 7.

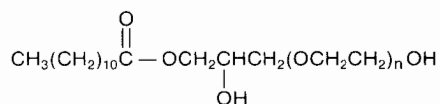
**Other Names:**

Cetiol HE (*Henkel*)  
Polyethylene Glycol (7) Glyceryl Monococoate  
Polyoxyethylene (7) Glyceryl Monococoate

### PEG-20 GLYCERYL LAURATE

RD Number: 977065-41-0

**Definition:** PEG-20 Glyceryl Laurate is the polyethylene glycol ester of Glyceryl Laurate (q.v.) that conforms generally to the formula:



where  $n$  has an average value of 20.

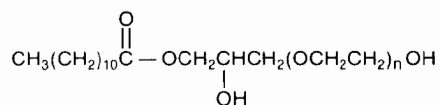
**Other Names:**

Ogotag L2 (*Ogo*)  
Polyethylene Glycol 1000 Glyceryl  
Monolaurate  
Polyoxyethylene (20) Glyceryl Monolaurate

### PEG-30 GLYCERYL LAURATE

RD Number: 977065-48-7

**Definition:** PEG-30 Glyceryl Laurate is the polyethylene glycol ester of Glyceryl Laurate (q.v.) that conforms generally to the formula:



where  $n$  has an average value of 30.

**Other Names:**

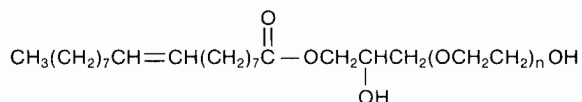
Ogotag L (*Ogo*)  
Polyethylene Glycol (30) Glyceryl  
Monolaurate  
Polyoxyethylene (30) Glyceryl Monolaurate

### PEG-20 GLYCERYL OLEATE

RD Number: 977065-42-1

**Definition:** PEG-20 Glyceryl Oleate is the polyethylene glycol ester of Glyceryl Oleate (q.v.) that conforms generally to the formula:

## PEG-20 Glyceryl Ricinoleate



where  $n$  has an average value of 20.

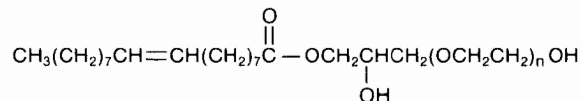
**Other Names:**

Ogotag O2 (*Ogo*)  
Polyethylene Glycol 1000 Glyceryl  
Monooleate  
Polyoxyethylene (20) Glyceryl Monooleate

### PEG-30 GLYCERYL OLEATE

RD Number: 977065-49-8

**Definition:** PEG-30 Glyceryl Oleate is the polyethylene glycol ester of Glyceryl Oleate (q.v.) that conforms generally to the formula:



where  $n$  has an average value of 30.

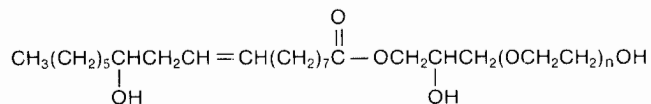
**Other Names:**

Ogotag O (*Ogo*)  
Polyethylene Glycol (30) Glyceryl  
Monooleate  
Polyoxyethylene (30) Glyceryl Monooleate

### PEG-15 GLYCERYL RICINOLEATE

RD Number: 977065-35-2

**Definition:** PEG-15 Glyceryl Ricinoleate is the polyethylene glycol ester of Glyceryl Ricinoleate (q.v.) that conforms generally to the formula:



where  $n$  has an average value of 15.

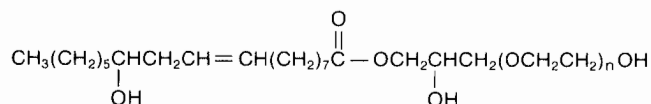
**Other Names:**

Ogotag R1 (*Ogo*)  
Polyethylene Glycol (15) Glyceryl  
Monoricinoleate  
Polyoxyethylene (15) Glyceryl  
Monoricinoleate

### PEG-20 GLYCERYL RICINOLEATE

RD Number: 977065-43-2

**Definition:** PEG-20 Glyceryl Ricinoleate is the polyethylene glycol ester of Glyceryl Ricinoleate (q.v.) that conforms generally to the formula:



where  $n$  has an average value of 20.

## PEG-20 Glyceryl Ricinoleate (Cont.)

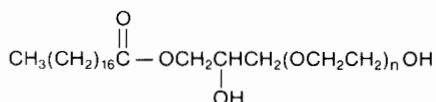
### Other Names:

Polyethylene Glycol 1000 Glyceryl  
Monoricinoleate  
Polyoxyethylene (20) Glyceryl  
Monoricinoleate

## PEG-5 GLYCERYL STEARATE

RD Number: 977065-65-8

**Definition:** PEG-5 Glyceryl Stearate is the polyethylene glycol ester of Glyceryl Stearate (q.v.) that conforms generally to the formula:



where n has an average number of 5.

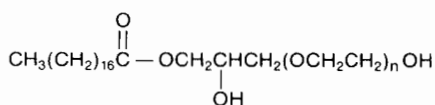
### Other Names:

POEM-S-105 (*Riken Vitamin Oil*)  
Polyethylene Glycol (5) Glyceryl  
Monostearate  
Polyoxyethylene (5) Glyceryl Monostearate

## PEG-20 GLYCERYL STEARATE

RD Number: 977055-13-2

**Definition:** PEG-20 Glyceryl Stearate is the polyethylene glycol ester of Glyceryl Stearate (q.v.) that conforms generally to the formula:



where n has an average number of 20.

**Information Sources:** 21CFR121.1221

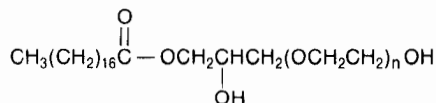
### Other Names:

Aldospense MS-20 (*Glyco*)  
Arosurf GMS-E20 (*Ashland*)  
Ogotag S2 (*Ogo*)  
Polyethylene Glycol 1000 Glyceryl  
Monostearate  
Polyoxyethylene (20) Glyceryl  
Monostearate

## PEG-30 GLYCERYL STEARATE

RD Number: 977065-50-1

**Definition:** PEG-30 Glyceryl Stearate is the polyethylene glycol ester of Glyceryl Stearate (q.v.) that conforms generally to the formula:



where n has an average number of 30.

### Other Names:

Ogotag S (*Ogo*)  
Polyethylene Glycol (30) Glyceryl  
Monostearate

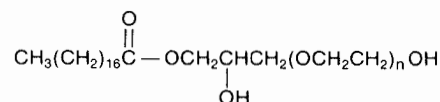
## PEG-16 Hydrogenated Castor Oil

Polyoxyethylene (30) Glyceryl  
Monostearate

## PEG-120 GLYCERYL STEARATE

RD Number: 977063-30-1

**Definition:** PEG-120 Glyceryl Stearate is the polyethylene glycol ester of Glyceryl Stearate (q.v.) that conforms generally to the formula:



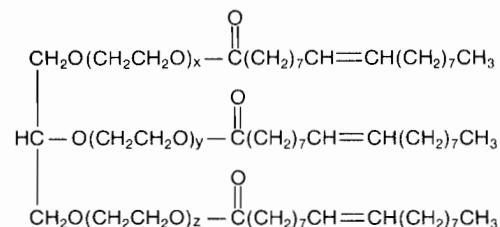
where n has an average number of 120.

### Other Names:

Polyethylene Glycol (120) Glyceryl  
Monostearate  
Polyoxyethylene (120) Glyceryl  
Monostearate

## PEG-25 GLYCERYL TRIOLEATE

**Definition:** PEG-25 Glyceryl Trioate is the triester of oleic acid and a polyethylene glycol ether of glycerin. It conforms generally to the formula:



### Other Names:

Ogotag TO (*Ogo*)

## PEG-5 HYDROGENATED CASTOR OIL

RD Number: 977065-66-9

**Definition:** PEG-5 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 5 moles of ethylene oxide.

### Other Names:

Polyethylene Glycol (5) Hydrogenated  
Castor Oil  
Polyoxyethylene (5) Hydrogenated Castor  
Oil

## PEG-16 HYDROGENATED CASTOR OIL

RD Number: 977065-36-3

**Definition:** PEG-16 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 16 moles of ethylene oxide.

### Other Names:

Emerest 5921 (*Malmstrom*)

## PEG-16 Hydrogenated Castor Oil (Cont.)

Polyethylene Glycol (16) Hydrogenated  
Castor Oil  
Polyoxyethylene (16) Hydrogenated Castor  
Oil

## PEG-25 HYDROGENATED CASTOR OIL

RD Number: 977055-14-3

*Definition:* PEG-25 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 25 moles of ethylene oxide.

*Other Names:*

Arlatone G (*ICI United States*)  
Emerest 5922 (*Malmstrom*)  
Polyethylene Glycol (25) Hydrogenated  
Castor Oil  
Polyoxyethylene (25) Hydrogenated Castor  
Oil  
Protachem CAH-25 (*Protameen*)

## PEG-30 HYDROGENATED CASTOR OIL

RD Number: 977069-47-8

*Definition:* PEG-30 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 30 moles of ethylene oxide.

*Other Names:*

Emalex HC-30 (*Nihon Emulsion*)  
Polyethylene Glycol (30) Hydrogenated  
Castor Oil  
Polyoxyethylene (30) Hydrogenated  
Castor Oil

## PEG-40 HYDROGENATED CASTOR OIL

RD Number: 977055-15-4

*Definition:* PEG-40 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 40 moles of ethylene oxide.

*Other Names:*

Polyethylene Glycol 2000 Hydrogenated  
Castor Oil  
Polyoxyethylene (40) Hydrogenated Castor  
Oil  
Protachem CAH-40 (*Protameen*)

## PEG-60 HYDROGENATED CASTOR OIL

RD Number: 977060-08-4

*Definition:* PEG-60 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 60 moles of ethylene oxide.

*Other Names:*

Nikkol HCO-60 (*Nikko*)

## PEG-5 Hydrogenated Lanolin

Polyethylene Glycol (60) Hydrogenated  
Castor Oil  
Polyoxyethylene (60) Hydrogenated Castor  
Oil

## PEG-100 HYDROGENATED CASTOR OIL

RD Number: 977063-25-4

*Definition:* PEG-100 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 100 moles of ethylene oxide.

*Other Names:*

Polyethylene Glycol (100) Hydrogenated  
Castor Oil  
Polyoxyethylene (100) Hydrogenated Castor  
Oil  
Protachem CAH-100 (*Protameen*)

## PEG-200 HYDROGENATED CASTOR OIL

RD Number: 977063-55-0

*Definition:* PEG-200 Hydrogenated Castor Oil is a polyethylene glycol derivative of Hydrogenated Castor Oil (q.v.) with an average of 200 moles of ethylene oxide.

*Other Names:*

Pegospere 9000 HCO (*Glyco*)  
Polyethylene Glycol (200) Hydrogenated  
Castor Oil  
Polyoxyethylene (200) Hydrogenated Castor  
Oil  
Protachem CAH-200 (*Protameen*)

## PEG-5 HYDROGENATED CORN GLYCERIDES

*Definition:* PEG-5 Hydrogenated Corn Glycerides is the polyethylene glycol derivative of mixed glycerides derived from hydrogenated corn oil. It has an average of 5 moles of ethylene oxide.

*Other Names:*

Emerest 2441 (*Malmstrom*)  
Polyethylene Glycol (5) Hydrogenated  
Corn Glycerides  
Polyoxyethylene (5) Hydrogenated Corn  
Glycerides

## PEG-5 HYDROGENATED LANOLIN

RD Number: 977055-16-5

*Definition:* PEG-5 Hydrogenated Lanolin is a polyethylene glycol derivative of Hydrogenated Lanolin (q.v.) with an average of 5 moles of ethylene oxide.

*Other Names:*

Polyethylene Glycol (5) Hydrogenated  
Lanolin  
Polyoxyethylene (5) Hydrogenated Lanolin  
Supersat AWS-6 (*R.I.T.A.*)



## PEG-10 Hydrogenated Lanolin

### PEG-10 HYDROGENATED LANOLIN

RD Number: 977059-86-1

**Definition:** PEG-10 Hydrogenated Lanolin is a polyethylene glycol derivative of Hydrogenated Lanolin (q.v.) with an average of 10 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol (10) Hydrogenated Lanolin  
Polyoxyethylene (10) Hydrogenated Lanolin  
Satexlan 10 (*Croda*)

### PEG-20 HYDROGENATED LANOLIN

RD Number: 977055-17-6

**Definition:** PEG-20 Hydrogenated Lanolin is a polyethylene glycol derivative of Hydrogenated Lanolin (q.v.) with an average of 20 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol 1000 Hydrogenated Lanolin  
Polyoxyethylene (20) Hydrogenated Lanolin  
Satexlan 20 (*Croda*)  
Supersat. AWS-4 (*R.I.T.A.*)

### PEG-24 HYDROGENATED LANOLIN

RD Number: 977055-18-7

**Definition:** PEG-24 Hydrogenated Lanolin is a polyethylene glycol derivative of Hydrogenated Lanolin (q.v.) with an average of 24 moles of ethylene oxide.

**Information Sources:** CTFA

**Other Names:**

Ethoxyl-24 (*Malmstrom*)  
Lipolan 31 (*Lipo*)  
Polyethylene Glycol (24) Hydrogenated Lanolin  
Polyoxyethylene (24) Hydrogenated Lanolin

### PEG-30 HYDROGENATED LANOLIN

RD Number: 977055-19-8

**Definition:** PEG-30 Hydrogenated Lanolin is a polyethylene glycol derivative of Hydrogenated Lanolin (q.v.) with an average of 30 moles of ethylene oxide.

**Other Names:**

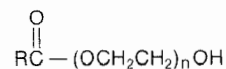
Polyethylene Glycol (30) Hydrogenated Lanolin  
Polyoxyethylene (30) Hydrogenated Lanolin  
Supersat AWS-3 (*R.I.T.A.*)

### PEG-6 ISOPALMITATE

RD Number: 977066-79-7

## PEG-5 Lanolate

**Definition:** PEG-6 Isopalmitate is the polyethylene glycol ester of isopalmitic acid that conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} - \end{array}$  represents the isopalmitoyl radical and n has an average value of 6.

**Information Sources:** CTFA

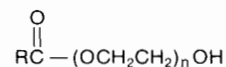
**Other Names:**

Isopalm K (*Knapp*)  
Polyethylene Glycol 300 Monoisopalmitate  
Polyoxyethylene (6) Monoisopalmitate

### PEG-6 ISOSTEARATE

RD Number: 977066-80-0

**Definition:** PEG-6 Isostearate is the polyethylene glycol ester of Isostearic Acid (q.v.) that conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} - \end{array}$  represents the isostearoyl radical and n has an average value of 6.

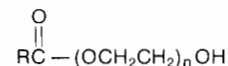
**Other Names:**

Polyethylene Glycol 300 Monoisostearate  
Polyoxyethylene (6) Monoisostearate  
Polysolve 6 (*Knapp*)

### PEG-12 ISOSTEARATE

RD Number: 977063-29-8

**Definition:** PEG-12 Isostearate is the polyethylene glycol ester of Isostearic Acid (q.v.) that conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} - \end{array}$  represents the isostearoyl radical and n has an average value of 12.

**Other Names:**

Emerest 2664 (*Malmstrom*)  
Polyethylene Glycol 600 Monoisostearate  
Polyoxyethylene (12) Monoisostearate

### PEG-5 LANOLATE

RD Number: 977061-92-9

**Definition:** PEG-5 Lanolate is the polyethylene glycol ester of Lanolin Acid (q.v.) that conforms generally to the formula:



$$\begin{array}{c} \text{O} \\ || \\ \text{RC}- \end{array}$$
 where  $\text{RC}-$  represents the lanolin acid radical and  $n$  has an average value of 5.

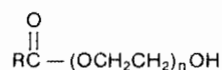
**Other Names:**

Polyethylene Glycol (5) Lanolate  
 Polyoxyethylene (5) Lanolate  
 Sklirate 5 (Croda)

**PEG-10 LANOLATE**

RD Number: 977061-91-8

**Definition:** PEG-10 Lanolate is the polyethylene glycol ester of Lanolin Acid (q.v.) that conforms generally to the formula:



$$\begin{array}{c} \text{O} \\ || \\ \text{RC}- \end{array}$$
 where  $\text{RC}-$  represents the lanolin acid radical and  $n$  has an average value of 10.

**Other Names:**

Polyethylene Glycol (10) Lanolate  
 Polyoxyethylene (10) Lanolate  
 Sklirate 10 (Croda)

**PEG-20 LANOLIN**

RD Number: 977058-73-3

**Definition:** PEG-20 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 20 moles of ethylene oxide.

**Other Names:**

Atlas G-1790 (ICI United States)  
 G-1790 (ICI United States)  
 Polyethylene Glycol 1000 Lanolin  
 Polyoxyethylene (20) Lanolin

**PEG-27 LANOLIN**

CAS Number: MX8051-81-8

**Definition:** PEG-27 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 27 moles of ethylene oxide.

**Other Names:**

Lanogel 21 (Robinson-Wagner)  
 Polyethylene Glycol (27) Lanolin  
 Polyoxyethylene (27) Lanolin

**PEG-30 LANOLIN**

RD Number: 977065-51-2

**Definition:** PEG-30 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 30 moles of ethylene oxide.

**Other Names:**

Aqualose L 30 (Westbrook Lanolin)  
 Lanalox L30 (Stepan)

Polyethylene Glycol (30) Lanolin  
 Polyoxyethylene (30) Lanolin

**PEG-40 LANOLIN**

CAS Number: MX8051-82-9

**Definition:** PEG-40 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 40 moles of ethylene oxide.

**Other Names:**

Ethoxygel 50 (Malmstrom)  
 Ethoxygel 100 (Malmstrom)  
 Lan-Aqua-Sol Hydrophilic (Fanning)  
 Lanogel 31 (Robinson-Wagner)  
 Polyethylene Glycol 2000 Lanolin  
 Polyoxyethylene (40) Lanolin

**PEG-50 LANOLIN**

RD Number: 977061-54-3

**Definition:** PEG-50 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 50 moles of ethylene oxide.

**Other Names:**

Atlas G-1795 (ICI United States)  
 G-1795 (ICI United States)  
 Laneto 50 (R.I.T.A.)  
 Laneto 100 (R.I.T.A.)  
 Polyethylene Glycol (50) Lanolin  
 Polyoxyethylene (50) Lanolin  
 Solangel 401 (Croda)

**PEG-60 LANOLIN**

**Definition:** PEG-60 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 60 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol (60) Lanolin  
 Polyoxyethylene (60) Lanolin  
 Solan (Croda)  
 Solan 50 (Croda)

**PEG-70 LANOLIN**

RD Number: 977062-59-1

**Definition:** PEG-70 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 70 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol (70) Lanolin  
 Polyoxyethylene (70) Lanolin

**PEG-75 LANOLIN**

CAS Number: MX8039-09-6

**Definition:** PEG-75 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 75 moles of ethylene oxide.

**Other Names:**

Ethoxylan 50 (*Malmstrom*)  
 Ethoxylan 100 (*Malmstrom*)  
 Lanalox L75 (*Stepan*)  
 Lanogel 41 (*Robinson-Wagner*)  
 Lantox 55 (*Lanaetex*)  
 Lantox 110 (*Lanaetex*)  
 Polyethylene Glycol 4000 Lanolin  
 Polyoxyethylene (75) Lanolin  
 Solulan L-575 (*Amerchol*)  
 Solulan 75 (*Amerchol*)

**PEG-85 LANOLIN**

RD Number: 977055-21-2

**Definition:** PEG-85 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 85 moles of ethylene oxide.

**Other Names:**

Lan-Aqua-Sol Super-Hydrophilic (*Fanning*)  
 Lanogel 61 (*Robinson-Wagner*)  
 Polyethylene Glycol (85) Lanolin  
 Polyoxyethylene (85) Lanolin

**PEG-100 LANOLIN**

RD Number: 977063-26-5

**Definition:** PEG-100 Lanolin is a polyethylene glycol derivative of Lanolin (q.v.) with an average of 100 moles of ethylene oxide.

**Other Names:**

Aqualose L100 (*Westbrook Lanolin*)  
 Polyethylene Glycol (100) Lanolin  
 Polyoxyethylene (100) Lanolin

**PEG-75 LANOLIN OIL**

RD Number: 977055-20-1

**Definition:** PEG-75 Lanolin Oil is a polyethylene glycol derivative of Lanolin Oil (q.v.) with an average of 75 moles of ethylene oxide.

**Other Names:**

Lanoil Water/Alcohol Soluble  
 Lanolin (*Lanaetex*)  
 Lantrol AWS (*Malmstrom*)  
 Polyethylene Glycol 4000 Lanolin Oil  
 Polyoxyethylene (75) Lanolin Oil

**PEG-75 LANOLIN WAX**

RD Number: 977059-05-4

**Definition:** PEG-75 Lanolin Wax is a polyethylene glycol derivative of Lanolin Wax (q.v.) with an average of 75 moles of ethylene oxide.

**Information Sources:** CTFA

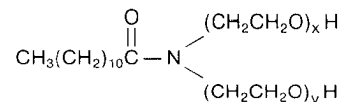
**Other Names:**

Lanfrax WS55 (*Malmstrom*)  
 Polyethylene Glycol 4000 Lanolin Wax  
 Polyoxyethylene (75) Lanolin Wax

**PEG-3 LAURAMIDE**

RD Number: 977061-49-6

**Definition:** PEG-3 Lauramide is the polyethylene glycol amide of lauric acid that conforms to the formula:



where x + y has an average value of 3.

**Information Sources:** CTFA

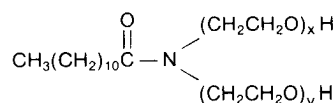
**Other Names:**

Amidox L-2 (*Stepan*)  
 Polyethylene Glycol (3) Lauryl Amide  
 Polyoxyethylene (3) Lauryl Amide

**PEG-6 LAURAMIDE**

RD Number: 977061-48-5

**Definition:** PEG-6 Lauramide is the polyethylene glycol amide of lauric acid that conforms to the formula:



where x + y has an average value of 6.

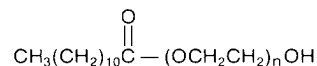
**Other Names:**

Amidox L-5 (*Stepan*)  
 Polyethylene Glycol 300 Lauryl Amide  
 Polyoxyethylene (6) Lauryl Amide

**PEG-2 LAURATE**

CAS Number: 141-20-8

**Definition:** PEG-2 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 2.

**Information Sources:** CTFA, MI, 21CFR121.2520

**Other Names:**

Diethylene Glycol Monolaurate  
 Diglycol Laurate  
 Diglycol Laurate ASE (*Armak*)  
 Diglycol Laurate S (*Glyco*)  
 Diglycol Monolaurate  
 Kessco Diglycol Laurate A-Neutral (*Armak*)  
 Kessco Diglycol Laurate ASE (*Armak*)  
 Kessco Diglycol Laurate N (*Armak*)  
 Kessco Diglycol Laurate N-Syn (*Armak*)  
 Lipo DGLS (*Lipo*)  
 Lipo-PEG 1-L (*Lipo*)  
 Pegosperse 100 L (*Glyco*)  
 Pegosperse 100 LN (*Glyco*)  
 Pegosperse 100 ML (*Glyco*)  
 Polyethylene Glycol 100 Monolaurate  
 Polyoxyethylene (2) Monolaurate

**PEG-2 LAURATE SE**

RD Number: 977063-42-5

**Definition:** PEG-2 Laurate SE is a self-emulsifying grade of PEG-2 Laurate (q.v.) that contains some sodium and/or potassium laurate.

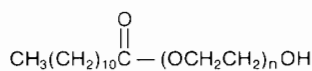
**Other Names:**

Diethylene Glycol Monolaurate Self-Emulsifying  
Kessco Diglycol Laurate SE (*Armak*)  
Polyethylene Glycol 100 Monolaurate  
Self-Emulsifying  
Polyoxyethylene (2) Monolaurate  
Self-Emulsifying

**PEG-4 LAURATE**

RD Number: 977055-22-3

**Definition:** PEG-4 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 4.

**Information Sources:** CTFA

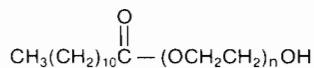
**Other Names:**

Chemester 200-ML (*Chemical Products*)  
Cyclochem PEG 200 ML (*Cyclo*)  
Emerest 2620 (*Malmstrom*)  
Hodag 20-L (*Hodag*)  
Kessco PEG 200 Monolaurate (*Armak*)  
Lipo-PEG 2-L (*Lipo*)  
Pegospere 200 ML (*Glyco*)  
Polyethylene Glycol 200 Monolaurate  
Polyoxyethylene (4) Monolaurate  
Protamate 200 ML (*Protameen*)

**PEG-6 LAURATE**

RD Number: 977065-75-0

**Definition:** PEG-6 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 6.

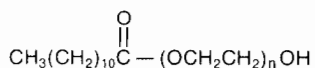
**Other Names:**

Kessco PEG 300 Monolaurate (*Armak*)  
Polyethylene Glycol 300 Monolaurate  
Polyoxyethylene (6) Monolaurate

**PEG-8 LAURATE**

RD Number: 977055-23-4

**Definition:** PEG-8 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 8.

**Information Sources:** CTFA, 21CFR121.2507,  
21CFR121.2526, 21CFR121.2607

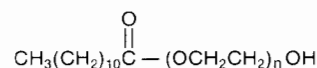
**Other Names:**

Chemester 400-ML (*Chemical Products*)  
Cyclochem PEG 400 ML (*Cyclo*)  
Emerest 2650 (*Malmstrom*)  
Kessco PEG 400 Monolaurate (*Armak*)  
Lipal 400L (*PVO*)  
Lipo-PEG 4-L (*Lipo*)  
Lonzest PEG-4L (*Lonza*)  
Nonisol 100 (*Ciba-Geigy*)  
Pegospere 400 ML (*Glyco*)  
Polyethylene Glycol 400 Monolaurate  
Polyoxyethylene (8) Monolaurate  
Protamate 400 ML (*Protameen*)

**PEG-9 LAURATE**

RD Number: 977068-30-6

**Definition:** PEG-9 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 9.

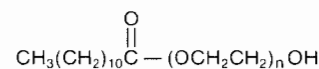
**Other Names:**

Polyethylene Glycol 450 Monolaurate  
Polyoxyethylene (9) Monolaurate

**PEG-12 LAURATE**

RD Number: 977055-24-5

**Definition:** PEG-12 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 12.

**Information Sources:** CTFA, 21CFR121.2507,  
21CFR121.2526

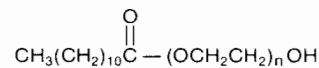
**Other Names:**

Kessco PEG 600 Monolaurate (*Armak*)  
Lipo-PEG 6-L (*Lipo*)  
Pegospere 600 ML (*Glyco*)  
Polyethylene Glycol 600 Monolaurate  
Polyoxyethylene (12) Monolaurate

**PEG-20 LAURATE**

RD Number: 977063-49-2

**Definition:** PEG-20 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 20.

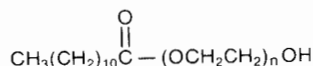
**Other Names:**

Kessco PEG 1000 Monolaurate (*Armak*)  
Polyethylene Glycol 1000 Monolaurate  
Polyoxyethylene (20) Monolaurate

**PEG-32 LAURATE**

RD Number: 977065-55-6

*Definition:* PEG-32 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 32.

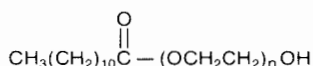
*Other Names:*

Kessco PEG 1540 Monolaurate (*Armak*)  
Polyethylene Glycol 1540 Monolaurate  
Polyoxyethylene (32) Monolaurate

**PEG-75 LAURATE**

RD Number: 977065-84-1

*Definition:* PEG-75 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 75.

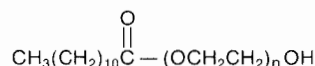
*Other Names:*

Kessco PEG 4000 Monolaurate (*Armak*)  
Polyethylene Glycol 4000 Monolaurate  
Polyoxyethylene (75) Monolaurate

**PEG-150 LAURATE**

RD Number: 977063-38-9

*Definition:* PEG-150 Laurate is the polyethylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 150.

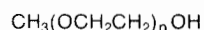
*Other Names:*

Kessco PEG 6000 Monolaurate (*Armak*)  
Polyethylene Glycol 6000 Monolaurate  
Polyoxyethylene (150) Monolaurate

**PEG-6 METHYL ETHER**

RD Number: 977065-76-1

*Definition:* PEG-6 Methyl Ether is the polyethylene glycol ether of Methyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 6.

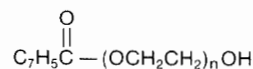
*Other Names:*

Carbowax 350 (*Union Carbide*)  
Polyethylene Glycol (6) Methyl Ether  
Polyoxyethylene (6) Methyl Ether

**PEG-4 OCTANOATE**

RD Number: 977068-28-2

*Definition:* PEG-4 Octanoate is the polyethylene glycol ester of 2-ethylhexanoic acid that conforms generally to the formula:



where n has an average value of 4.

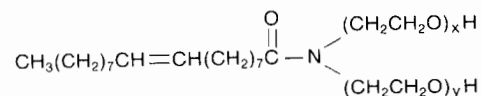
*Other Names:*

Polyethylene glycol 200 Monooctanoate  
Polyoxyethylene (4) Monooctanoate

**PEG-5 OLEAMIDE**

RD Number: 977065-67-0

*Definition:* PEG-5 Oleamide is the polyethylene glycol amide of oleic acid that conforms to the formula:



where x + y has an average value of 5.

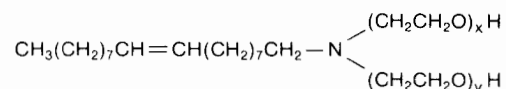
*Other Names:*

Ethomid O/15 (*Armak*)  
Polyethylene Glycol (5) Oleyl Amide  
Polyoxyethylene (5) Oleyl Amide

**PEG-2 OLEAMINE**

RD Number: 977065-39-6

*Definition:* PEG-2 Oleamine is the polyethylene glycol amine of oleic acid that conforms to the formula:



where x + y has an average value of 2.

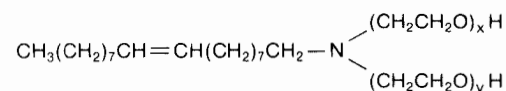
*Other Names:*

Ethomeen O/12 (*Armak*)  
Polyethylene Glycol 100 Oleyl Amine  
Polyoxyethylene (2) Oleyl Amine  
Protax O-2 (*Protameen*)

**PEG-5 OLEAMINE**

RD Number: 977065-68-1

*Definition:* PEG-5 Oleamine is the polyethylene glycol amine of oleic acid that conforms to the formula:



where x + y has an average value of 5.

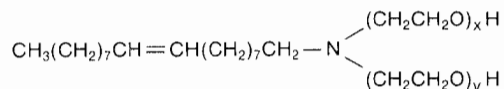
*Other Names:*

Chemox O-5 (*Chemical Products*)  
Ethomeen O/15 (*Armak*)  
Polyethylene Glycol (5) Oleyl Amine  
Polyoxyethylene (5) Oleyl Amine  
Protax O-5 (*Protameen*)

**PEG-15 OLEAMINE**

RD Number: 977063-33-4

**Definition:** PEG-15 Oleamine is the polyethylene glycol amine of oleic acid that conforms to the formula:



where  $x + y$  has an average value of 15.

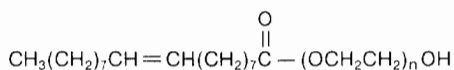
**Other Names:**

Chemox O-15 (*Chemical Products*)  
 Ethomeen O/25 (*Armak*)  
 Polyethylene Glycol (15) Oleyl Amine  
 Polyoxyethylene (15) Oleyl Amine  
 Prottox O-15 (*Protameen*)

**PEG-2 OLEATE**

CAS Number: 106-12-7

**Definition:** PEG-2 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where  $n$  has an average value of 2.

**Information Sources:** 21CFR121.2520

**Other Names:**

Diethylene Glycol Monooleate  
 Diglycol Oleate  
 Emalex 200 (*Nihon Emulsion*)  
 Lipo-Peg 1-O (*Lipo*)  
 Pegospere 100 O (*Glyco*)  
 Polyethylene Glycol 100 Monooleate  
 Polyoxyethylene (2) Monooleate

**PEG-2 OLEATE SE**

RD Number: 977063-43-6

**Definition:** PEG-2 Oleate SE is a self-emulsifying grade of PEG-2 Oleate (q.v.) that contains some sodium and/or potassium oleate.

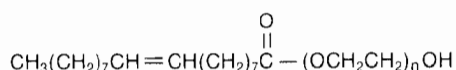
**Other Names:**

Diethylene Glycol Monooleate Self-Emulsifying  
 Kessco Diglycol Oleate L-SE (*Armak*)  
 Polyethylene Glycol 100 Monooleate Self-Emulsifying  
 Polyoxyethylene (2) Monooleate Self-Emulsifying

**PEG-3 OLEATE**

RD Number: 977058-65-3

**Definition:** PEG-3 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where  $n$  has an average value of 3.

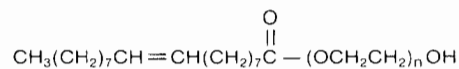
**Other Names:**

Polyethylene Glycol (3) Monooleate  
 Polyoxyethylene (3) Monooleate

**PEG-4 OLEATE**

RD Number: 977060-09-5

**Definition:** PEG-4 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where  $n$  has an average value of 4.

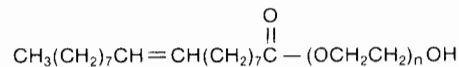
**Other Names:**

Chemester 200-OC (*Chemical Products*)  
 Kessco PEG 200 Monooleate (*Armak*)  
 Pegospere 200 MO (*Glyco*)  
 Polyethylene Glycol 200 Monooleate  
 Polyoxyethylene (4) Monooleate  
 Protamate 200 OC (*Protameen*)

**PEG-5 OLEATE**

RD Number: 977065-69-2

**Definition:** PEG-5 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where  $n$  has an average value of 5.

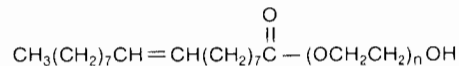
**Other Names:**

Emulphor VN-430 (*GAF*)  
 Ethofat O/15 (*Armak*)  
 Polyethylene Glycol (5) Monooleate  
 Polyoxyethylene (5) Monooleate

**PEG-6 OLEATE**

RD Number: 977055-25-6

**Definition:** PEG-6 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where  $n$  has an average value of 6.

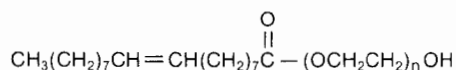
**Other Names:**

Chemester 300-OC (*Chemical Products*)  
 Grocor 300 (*Gross, A.*)  
 Kessco PEG 300 Monooleate (*Armak*)  
 Lipal 300W (*PVO*)  
 Lipo-Peg 3-O (*Lipo*)  
 Pegospere 300 MO (*Glyco*)  
 Polyethylene Glycol 300 Monooleate  
 Polyoxyethylene (6) Monooleate  
 Protamate 300 OC (*Protameen*)

**PEG-8 OLEATE**

RD Number: 977055-26-7

**Definition:** PEG-8 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 8.

**Information Sources:** 21CFR121.203, 21CFR121.320, 21CFR121.2507, 21CFR121.2526, 21CFR121.2557

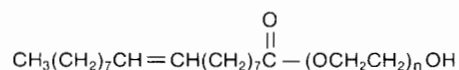
**Other Names:**

Chemester 400-OC (*Chemical Products*)  
 Cyclochem PEG 400 MO (*Cyclo*)  
 Emerest 2646 (*Malmstrom*)  
 Kessco E112 (*Armak*)  
 Kessco PEG 400 Monooleate (*Armak*)  
 Lipal 400OL (*PVO*)  
 Lipo-PEG 4-O (*Lipo*)  
 Lonzest PEG-4O (*Lonza*)  
 Pegospere 400 MO (*Glyco*)  
 Polyethylene Glycol 400 Monooleate  
 Polyoxyethylene (8) Monooleate  
 Protamate 400 OC (*Protameen*)  
 Sponto H-44C (*Witco*)

**PEG-9 OLEATE**

RD Number: 977065-87-4

**Definition:** PEG-9 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 9.

**Information Sources:** 21CFR121.2557

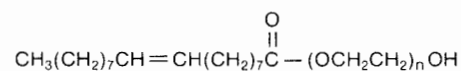
**Other Names:**

Pegospere 450 MO (*Glyco*)  
 Polyethylene Glycol 450 Monooleate  
 Polyoxyethylene (9) Monooleate

**PEG-10 OLEATE**

RD Number: 977063-22-1

**Definition:** PEG-10 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 10.

**Information Sources:** 21CFR121.2557

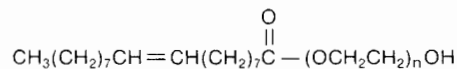
**Other Names:**

Ethofat O/20 (*Armak*)  
 Polyethylene Glycol (10) Monooleate  
 Polyoxyethylene (10) Monooleate  
 Protamate 600 OC (*Protameen*)

**PEG-12 OLEATE**

RD Number: 977055-27-8

**Definition:** PEG-12 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 12.

**Information Sources:** 21CFR121.2507, 21CFR121.2526, 21CFR121.2557

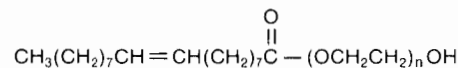
**Other Names:**

Chemester 600-OC (*Chemical Products*)  
 Emerest 2660 (*Malmstrom*)  
 Kessco PEG 600 Monooleate (*Armak*)  
 Lipo-Peg 6-O (*Lipo*)  
 Pegospere 600 MO (*Glyco*)  
 Polyethylene Glycol 600 Monooleate  
 Polyoxyethylene (12) Monooleate

**PEG-14 OLEATE**

RD Number: 977063-32-3

**Definition:** PEG-14 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 14.

**Information Sources:** 21CFR121.2557

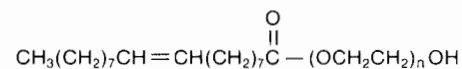
**Other Names:**

Pegospere 700 TO (*Glyco*)  
 Polyethylene Glycol (14) Monooleate  
 Polyoxyethylene (14) Monooleate

**PEG-20 OLEATE**

RD Number: 977063-50-5

**Definition:** PEG-20 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 20.

**Information Sources:** 21CFR121.2557

**Other Names:**

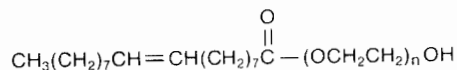
Chemester 1000-OC (*Chemical Products*)  
 Kessco PEG 1000 Monooleate (*Armak*)  
 Polyethylene Glycol 1000 Monooleate  
 Polyoxyethylene (20) Monooleate  
 Protamate 1000 OC (*Protameen*)

**PEG-32 OLEATE**

RD Number: 977065-56-7

**Definition:** PEG-32 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:

## PEG-32 Oleate (Cont.)



where n has an average value of 32.

*Information Sources:* 21CFR121.2557

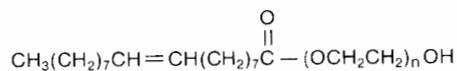
### *Other Names:*

Emulsynt 910 (*Van Dyk*)  
Kessco PEG 1540 Monooleate (*Armak*)  
Polyethylene Glycol 1540 Monooleate  
Polyoxyethylene (32) Monooleate

## PEG-75 OLEATE

*RD Number:* 977065-85-2

*Definition:* PEG-75 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 75.

*Information Sources:* 21CFR121.2557

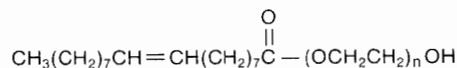
### *Other Names:*

Kessco PEG 4000 Monooleate (*Armak*)  
Polyethylene Glycol 4000 Monooleate  
Polyoxyethylene (75) Monooleate

## PEG-150 OLEATE

*RD Number:* 977063-39-0

*Definition:* PEG-150 Oleate is the polyethylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 150.

*Information Sources:* 21CFR121.2557

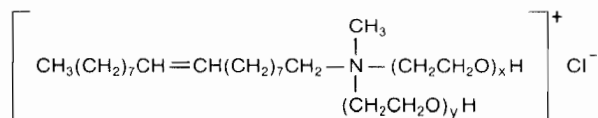
### *Other Names:*

Kessco PEG 6000 Monooleate (*Armak*)  
Polyethylene Glycol 6000 Monooleate  
Polyoxyethylene (150) Monooleate

## PEG-2 OLEYL QUATERNIUM-4

*RD Number:* 977066-73-1

*Definition:* PEG-2 Oleyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:



where x + y has an average value of 2.

### *Other Names:*

Ethoquad O/12 (*Armak*)

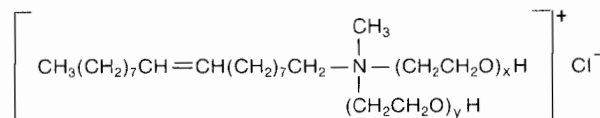
## PEG-18 Palmitate

Polyethylene Glycol 100 Oleyl  
Quaternium-4  
Polyoxyethylene (2) Oleyl Quaternium-4

## PEG-15 OLEYL QUATERNIUM-4

*RD Number:* 977066-76-4

*Definition:* PEG-15 Oleyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:



where x + y has an average value of 15.

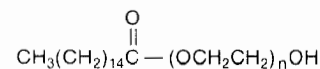
### *Other Names:*

Ethoquad O/25 (*Armak*)  
Polyethylene Glycol (15) Oleyl  
Quaternium-4  
Polyoxyethylene (15) Oleyl Quaternium-4

## PEG-2 PALMITAMIDE

*RD Number:* 977065-40-9

*Definition:* PEG-2 Palmitamide is the polyethylene glycol amide of palmitic acid that conforms to the formula:



where x + y has an average value of 2.

*Information Sources:* CTFA

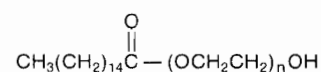
### *Other Names:*

Emulsynt 505 (*Van Dyk*)  
Polyethylene Glycol 100 Palmitamide  
Polyoxyethylene (2) Palmitamide

## PEG-6 PALMITATE

*RD Number:* 977055-28-9

*Definition:* PEG-6 Palmitate is the polyethylene glycol ester of palmitic acid that conforms to the formula:



where n has an average value of 6.

*Information Sources:* CTFA

### *Other Names:*

Polyethylene Glycol 300 Monopalmitate  
Polymulse 6 (*Knapp*)  
Polyoxyethylene (6) Monopalmitate

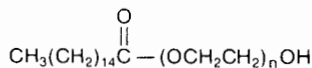
## PEG-18 PALMITATE

*RD Number:* 977063-40-3

*Definition:* PEG-18 Palmitate is the polyethylene glycol ester of palmitic acid that conforms to the formula:



## PEG-18 Palmitate (Cont.)



where n has an average value of 18.

### Other Names:

Pegospere 900 MP (*Glyco*)  
Polyethylene Glycol (18) Monopalmitate  
Polyoxyethylene (18) Monopalmitate

## PEG-20 PENTAERYTHRITOL LAURATE

RD Number: 977065-44-3

**Definition:** PEG-20 Pentaerythritol Laurate is the polyethylene glycol ester of pentaerythritol and lauric acid that has an average ethoxylation level of 20.

### Other Names:

Lamacit PL (*Gruenau*)  
Polyethylene Glycol 1000  
Pentaerythritol Monolaurate  
Polyoxyethylene (20) Pentaerythritol Monolaurate

## PEG-30 PENTAERYTHRITOL OLEATE

RD Number: 977065-52-3

**Definition:** PEG-30 Pentaerythritol Oleate is the polyethylene glycol ester of pentaerythritol and oleic acid that has an average ethoxylation level of 30.

### Other Names:

Lamacit PO (*Gruenau*)  
Polyethylene Glycol (30)  
Pentaerythritol Monooleate  
Polyoxyethylene (30) Pentaerythritol Monooleate

## PEG/PPG-17/6 COPOLYMER

RD Number: 977066-83-3

**Definition:** PEG/PPG-17/6 Copolymer is the random copolymer produced by the interaction of an average of 17 moles of ethylene oxide with 6 moles of propylene oxide.

### Other Names:

UCON 75-H-450 (*Union Carbide*)

## PEG/PPG-18/4 COPOLYMER

RD Number: 977066-84-4

**Definition:** PEG/PPG-18/4 Copolymer is the random copolymer produced by the interaction of an average of 18 moles of ethylene oxide with 4 moles of propylene oxide.

### Other Names:

UCON 75-H-490 (*Union Carbide*)

## PEG-25 Propylene Glycol Stearate

### PEG/PPG-23/50 COPOLYMER

RD Number: 977066-85-5

**Definition:** PEG/PPG-23/50 Copolymer is the random copolymer produced by the interaction of an average of 23 moles of ethylene oxide with 50 moles of propylene oxide.

### Other Names:

UCON 25-H-2005 (*Union Carbide*)

### PEG/PPG-35/9 COPOLYMER

RD Number: 977066-86-6

**Definition:** PEG/PPG-35/9 Copolymer is the random copolymer produced by the interaction of an average of 35 moles of ethylene oxide with 9 moles of propylene oxide.

### Other Names:

UCON 75-H-1400 (*Union Carbide*)

### PEG/PPG-125/30 COPOLYMER

RD Number: 977066-82-2

**Definition:** PEG/PPG-125/30 Copolymer is the random copolymer produced by the interaction of an average of 125 moles of ethylene oxide with 30 moles of propylene oxide.

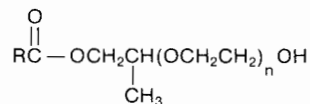
### Other Names:

UCON 75-H-90000 (*Union Carbide*)

### PEG-8 PROPYLENE GLYCOL COCOATE

RD Number: 977061-81-6

**Definition:** PEG-8 Propylene Glycol Cocoate is the polyethylene glycol ester of propylene glycol cocoate that conforms generally to the formula:



where  $\text{RC}-$  represents the coconut fatty radical and n has an average value of 8.

### Information Sources: CTFA

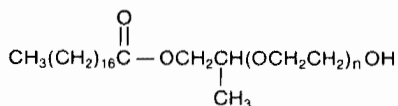
### Other Names:

Emulsynt 900 (*Van Dyk*)  
Polyethylene Glycol 400 Propylene Glycol Cocoate  
Polyoxyethylene (8) Propylene Glycol Cocoate

### PEG-25 PROPYLENE GLYCOL STEARATE

RD Number: 977055-29-0

**Definition:** PEG-25 Propylene Glycol Stearate is the polyethylene ester of Propylene Glycol Stearate (q.v.) that conforms generally to the formula:



where n has an average value of 25.

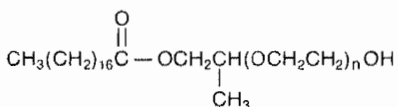
**Other Names:**

Atlas G-2162 (ICI United States)  
G-2162 (ICI United States)  
Neocol A (Waverly)  
Polyethylene Glycol (25) Propylene  
Glycol Monostearate  
Polyoxyethylene (25) Propylene Glycol  
Monostearate

## PEG-120 PROPYLENE GLYCOL STEARATE

RD Number: 977063-31-2

**Definition:** PEG-120 Propylene Glycol Stearate is the polyethylene glycol ester of Propylene Glycol Stearate (q.v.) that conforms generally to the formula:



where n has an average value of 120.

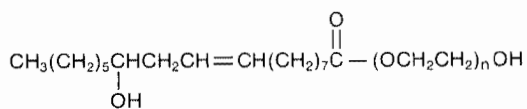
**Other Names:**

Polyethylene Glycol (120) Propylene  
Glycol Monostearate  
Polyoxyethylene (120) Propylene Glycol  
Monostearate

## PEG-2 RICINOLEATE

CAS Number: 5401-17-2

**Definition:** PEG-2 Ricinoleate is the polyethylene glycol ester of ricinoleic acid that conforms to the formula:



where n has an average value of 2.

**Other Names:**

Diethylene Glycol Monoricinoleate  
Pegospere 100 MR (Glyco)  
Polyethylene Glycol 100 Monoricinoleate  
Polyoxyethylene (2) Monoricinoleate

## PEG-8 SESQUILAURATE

RD Number: 977055-30-3

**Definition:** PEG-8 Sesquilaurate is a mixture of the polyethylene glycol mono- and diesters of lauric acid with an average of 8 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol 400 Sesquilaurate  
Polyoxyethylene (8) Sesquilaurate

## PEG-8 SESQUIOLEATE

RD Number: 977061-31-6

**Definition:** PEG-8 Sesquioleate is a mixture of the polyethylene glycol mono- and diesters of oleic acid with an average of 8 moles of ethylene oxide.

**Other Names:**

Polyethylene Glycol 400 Sesquioleate  
Polyoxyethylene (8) Sesquioleate

## PEG-6 SORBITAN BEESWAX

CAS Number: MX8051-15-8

**Definition:** PEG-6 Sorbitan Beeswax is an ethoxylated sorbitol derivative of Beeswax (q.v.) with an average of 6 moles of ethylene oxide.

**Information Sources:** CTFA

**Other Names:**

Atlas G-1702 (ICI United States)  
G-1702 (ICI United States)  
Polyethylene Glycol 300 Sorbitan Beeswax  
Polyoxyethylene (6) Sorbitol Beeswax

## PEG-8 SORBITAN BEESWAX

RD Number: 977055-31-4

**Definition:** PEG-8 Sorbitan Beeswax is an ethoxylated sorbitol derivative of Beeswax (q.v.) with an average of 8 moles of ethylene oxide.

**Other Names:**

Nikkol GBW-8 (Nikko)  
Polyethylene Glycol 400 Sorbitan Beeswax  
Polyoxyethylene (8) Sorbitol Beeswax

## PEG-20 SORBITAN BEESWAX

RD Number: 977055-32-5

**Definition:** PEG-20 Sorbitan Beeswax is an ethoxylated sorbitol derivative of Beeswax (q.v.) with an average of 20 moles of ethylene oxide.

**Information Sources:** CTFA

**Other Names:**

Atlas G-1726 (ICI United States)  
G-1726 (ICI United States)  
Polyethylene Glycol 1000 Sorbitan Beeswax  
Polyoxyethylene (20) Sorbitol Beeswax

## PEG-20 SORBITAN ISOSTEARATE

RD Number: 977055-33-6

**Definition:** PEG-20 Sorbitan Isostearate is an ethoxylated sorbitol monoester of Isostearic Acid (q.v.) with an average of 20 moles of ethylene oxide.

**Other Names:**

Emsorb 6912 (Malmstrom)  
Polyethylene Glycol 1000 Sorbitan  
Monoisostearate  
Polyoxyethylene (20) Sorbitan  
Monoisostearate

**PEG-40 SORBITAN LANOLATE**

CAS Number: MX8036-77-9

*Definition:* PEG-40 Sorbitan Lanolate is an ethoxylated sorbitol derivative of Lanolin (q.v.) with an average of 40 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Atlas G-1441 (*ICI United States*)  
G-1441 (*ICI United States*)  
Polyethylene Glycol 2000 Sorbitan Lanolate  
Polyoxyethylene (40) Sorbitol Lanolate

**PEG-75 SORBITAN LANOLATE**

CAS Number: MX8051-13-6

*Definition:* PEG-75 Sorbitan Lanolate is an ethoxylated sorbitol derivative of Lanolin (q.v.) with an average of 75 moles of ethylene oxide.

*Other Names:*

Atlas G-1471 (*ICI United States*)  
G-1471 (*ICI United States*)  
Polyethylene Glycol 4000 Sorbitan Lanolate  
Polyoxyethylene (75) Sorbitol Lanolate

**PEG-10 SORBITAN LAURATE**

RD Number: 977055-35-8

*Definition:* PEG-10 Sorbitan Laurate is an ethoxylated sorbitol ester of lauric acid with an average of 10 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Atlas G-7596J (*ICI United States*)  
G-7596J (*ICI United States*)  
Liposorb L-10 (*Lipo*)  
Polyethylene Glycol (10) Sorbitan Monolaurate  
Polyoxyethylene (10) Sorbitan Monolaurate

**PEG-44 SORBITAN LAURATE**

RD Number: 977068-29-3

*Definition:* PEG-44 Sorbitan Laurate is an ethoxylated sorbitol ester of lauric acid with an average of 44 moles of ethylene oxide.

*Other Names:*

Atlas G-7596DJ (*ICI United States*)  
G-7596DJ (*ICI United States*)  
Polyethylene Glycol (44) Sorbitan Monolaurate  
Polyoxyethylene (44) Sorbitan Monolaurate

**PEG-3 SORBITAN OLEATE**

RD Number: 977065-47-6

*Definition:* PEG-3 Sorbitan Oleate is an ethoxylated sorbitol ester of oleic acid with an average of 3 moles of ethylene oxide.

*Other Names:*

Emalex EG-2854 (OL) (*Nihon Emulsion*)  
Emalex 103 (*Nihon Emulsion*)  
Polyethylene Glycol (3) Sorbitan Monooleate  
Polyoxyethylene (3) Sorbitan Monooleate

**PEG-40 SORBITAN PEROLEATE**

RD Number: 977063-07-2

*Definition:* PEG-40 Sorbitan Peroleate is a mixture of oleic acid esters of sorbitol condensed with an average of 40 moles of ethylene oxide.

*Information Sources:* CTFA

*Other Names:*

Arlatone T (*ICI United States*)  
Polyethylene Glycol 2000 Sorbitan Peroleate  
Polyoxyethylene (40) Sorbitan Peroleate

**PEG-40 SORBITAN STEARATE**

RD Number: 977069-48-9

*Definition:* PEG-40 Sorbitan Stearate is an ethoxylated sorbitol ester of stearic acid with an average of 40 moles of ethylene oxide.

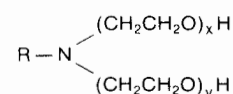
*Other Names:*

Polyethylene Glycol 2000 Sorbitan Stearate  
Polyoxyethylene (40) Sorbitan Stearate

**PEG-2 SOYAMINE**

RD Number: 977063-44-7

*Definition:* PEG-2 Soyamine is the polyethylene glycol amine of Soya Acid (q.v.) that conforms generally to the formula:



where R represents the soya radical and  $x + y$  has an average value of 2.

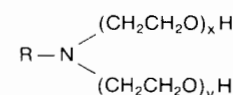
*Other Names:*

Chemox S-2 (*Chemical Products*)  
Ethomeen S/12 (*Armak*)  
Polyethylene Glycol 100 Soya Amine  
Polyoxyethylene (2) Soya Amine  
Prottox S-2 (*Protameen*)

**PEG-5 SOYAMINE**

RD Number: 977055-36-9

*Definition:* PEG-5 Soyamine is the polyethylene glycol amine of Soya Acid (q.v.) that conforms generally to the formula:



where R represents the soya radical and  $x + y$  has an average value of 5.

## PEG-5 Soyamine (Cont.)

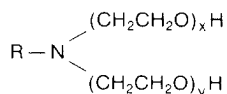
### Other Names:

Chemox S-5 (*Chemical Products*)  
Ethomeen S/15 (*Armak*)  
Polyethylene Glycol (5) Soya Amine  
Polyoxyethylene (5) Soya Amine  
Protox S-5 (*Protameen*)  
Varonic L-205 (*Ashland*)

## PEG-10 SOYAMINE

RD Number: 977063-23-2

**Definition:** PEG-10 Soyamine is the polyethylene glycol amine of Soya Acid (q.v.) that conforms generally to the formula:



where R represents the soya radical and  $x + y$  has an average value of 10.

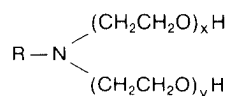
### Other Names:

Chemox S-10 (*Chemical Products*)  
Ethomeen S/20 (*Armak*)  
Polyethylene Glycol (10) Soya Amine  
Polyoxyethylene (10) Soya Amine  
Protox S-10 (*Protameen*)

## PEG-15 SOYAMINE

RD Number: 977063-34-5

**Definition:** PEG-15 Soyamine is the polyethylene glycol amine of Soya Acid (q.v.) that conforms generally to the formula:



where R represents the soya radical and  $x + y$  has an average value of 15.

### Other Names:

Chemox S-15 (*Chemical Products*)  
Ethomeen S/25 (*Armak*)  
Polyethylene Glycol (15) Soya Amine  
Polyoxyethylene (15) Soya Amine  
Protox S-15 (*Protameen*)

## PEG-5 SOYA STEROL

RD Number: 977065-70-5

**Definition:** PEG-5 Soya Sterol is a polyethylene glycol derivative of sterols found in Soybean Oil (q.v.) with an average of 5 moles of ethylene oxide.

### Other Names:

General 122 E5 (*General Mills*)  
Polyethylene Glycol (5) Soya Sterol  
Polyoxyethylene (5) Soya Sterol

## PEG-10 SOYA STEROL

RD Number: 977065-31-8

## PEG-2 Stearamine

**Definition:** PEG-10 Soya Sterol is a polyethylene glycol derivative of sterols found in Soybean Oil (q.v.) with an average of 10 moles of ethylene oxide.

### Other Names:

General 122 E10 (*General Mills*)  
Polyethylene Glycol (10) Soya Sterol  
Polyoxyethylene (10) Soya Sterol

## PEG-16 SOYA STEROL

RD Number: 977065-37-4

**Definition:** PEG-16 Soya Sterol is a polyethylene glycol derivative of sterols found in Soybean Oil (q.v.) with an average of 16 moles of ethylene oxide.

### Other Names:

General 122 E16 (*General Mills*)  
Polyethylene Glycol (16) Soya Sterol  
Polyoxyethylene (16) Soya Sterol

## PEG-25 SOYA STEROL

RD Number: 977065-46-5

**Definition:** PEG-25 Soya Sterol is a polyethylene glycol derivative of sterols found in Soybean Oil (q.v.) with an average of 25 moles of ethylene oxide.

### Other Names:

General 122 E25 (*General Mills*)  
Polyethylene Glycol (25) Soya Sterol  
Polyoxyethylene (25) Soya Sterol

## PEG-40 SOYA STEROL

RD Number: 977065-60-3

**Definition:** PEG-40 Soya Sterol is a polyethylene glycol derivative of sterols found in Soybean Oil (q.v.) with an average of 40 moles of ethylene oxide.

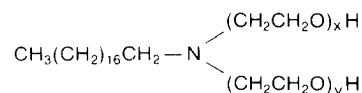
### Other Names:

Polyethylene Glycol 2000 Soya Sterol  
Polyoxyethylene (40) Soya Sterol

## PEG-2 STEARAMINE

RD Number: 977063-45-8

**Definition:** PEG-2 Stearamine is the polyethylene glycol amine of stearic acid that conforms to the formula:



where  $x + y$  has an average value of 2.

### Other Names:

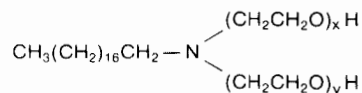
Chemox HTA-2 (*Chemical Products*)  
Ethomeen 18/12 (*Armak*)  
Polyethylene Glycol 100 Stearyl Amine  
Polyoxyethylene (2) Stearyl Amine  
Protox HTA-2 (*Protameen*)

## PEG-5 Stearamine

### PEG-5 STEARAMINE

RD Number: 977065-71-6

**Definition:** PEG-5 Stearamine is the polyethylene glycol amine of stearic acid that conforms to the formula:



where x + y has an average value of 5.

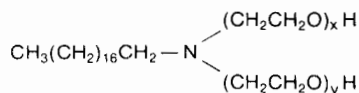
**Other Names:**

Ethomeen 18/15 (*Armak*)  
Polyethylene Glycol (5) Stearyl Amine  
Polyoxyethylene (5) Stearyl Amine

### PEG-10 STEARAMINE

RD Number: 977065-32-9

**Definition:** PEG-10 Stearamine is the polyethylene glycol amine of stearic acid that conforms to the formula:



where x + y has an average value of 10.

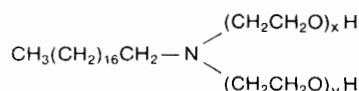
**Other Names:**

Ethomeen 18/20 (*Armak*)  
Polyethylene Glycol (10) Stearyl Amine  
Polyoxyethylene (10) Stearyl Amine

### PEG-15 STEARAMINE

RD Number: 977063-35-6

**Definition:** PEG-15 Stearamine is the polyethylene glycol amine of stearic acid that conforms to the formula:



where x + y has an average value of 15.

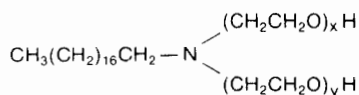
**Other Names:**

Chemox HTA-15 (*Chemical Products*)  
Ethomeen 18/25 (*Armak*)  
Polyethylene Glycol (15) Stearyl Amine  
Polyoxyethylene (15) Stearyl Amine  
Protox HTA-15 (*Protameen*)

### PEG-50 STEARAMINE

RD Number: 977065-74-9

**Definition:** PEG-50 Stearamine is the polyethylene glycol amine of stearic acid that conforms to the formula:



## PEG-2 Stearate SE

where x + y has an average value of 50.

**Information Sources:** CTFA

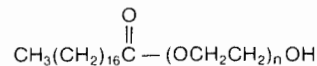
**Other Names:**

Chemox HTA-50 (*Chemical Products*)  
Ethomeen 18/60 (*Armak*)  
Polyethylene Glycol (50) Stearyl Amine  
Polyoxyethylene (50) Stearyl Amine  
Protox HTA-50 (*Protameen*)

### PEG-2 STEARATE

CAS Number: 106-11-6

**Definition:** PEG-2 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 2.

**Other Names:**

Cerasynt Special (*Van Dyk*)  
Clindrol SDG (*Clintwood*)  
Cyclochem DGS (*Cyclo*)  
Diethylene Glycol Monostearate  
Diglycol Stearate  
Emerest 2360 (*Malmstrom*)  
Grocor 5420 (*Gross, A.*)  
Grocor 5420N (*Gross, A.*)  
Hodag DGS-N (*Hodag*)  
Kessco Diethylene Glycol Monostearate (*Armak*)  
Kessco Diglycol Stearate Neutral (*Armak*)  
Lipo-PEG 1-S (*Lipo*)  
Nikkol DEGS-SE (*Nikko*)  
Pegospere 100 S (*Glyco*)  
Polyethylene Glycol 100 Monostearate  
Polyoxyethylene (2) Monostearate  
Product DG19 (*Clintwood*)

### PEG-2 STEARATE SE

RD Number: 977063-17-4

**Definition:** PEG-2 Stearate SE is a self-emulsifying grade of PEG-2 Stearate (q.v.) that contains some sodium and/or potassium stearate.

**Other Names:**

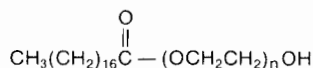
Cerasynt 54 S.E. (*Van Dyk*)  
Diethylene Glycol Monostearate Self-Emulsifying  
Emerest 2361 (*Malmstrom*)  
Grocor 5420 SE (*Gross, A.*)  
Hodag DGS-C (*Hodag*)  
Kessco Diglycol Stearate SE (*Armak*)  
Polyethylene Glycol 100 Monostearate Self-Emulsifying  
Polyoxyethylene (2) Monostearate Self-Emulsifying

## PEG-4 Stearate

### PEG-4 STEARATE

RD Number: 977055-37-0

**Definition:** PEG-4 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 4.

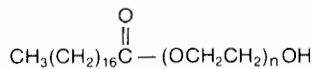
**Other Names:**

Chemester 200-DPS (*Chemical Products*)  
Kessco PEG 200 Monostearate (*Armak*)  
Lipo-PEG 2-S (*Lipo*)  
Pegospere 200 MS (*Glyco*)  
Polyethylene Glycol 200 Monostearate  
Polyoxyethylene (4) Monostearate  
Protamate 200 DPS (*Protameen*)

### PEG-5 STEARATE

RD Number: 977065-72-7

**Definition:** PEG-5 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 5.

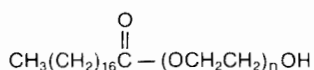
**Other Names:**

Ethofat 60/15 (*Armak*)  
Polyethylene Glycol (5) Monostearate  
Polyoxyethylene (5) Monostearate

### PEG-6 STEARATE

RD Number: 977053-32-9

**Definition:** PEG-6 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 6.

**Other Names:**

Cerasynt 616 (*Van Dyk*)  
Kessco PEG 300 Monostearate (*Armak*)  
Lipal 300S (*PVO*)  
Lipo-PEG 3-S (*Lipo*)  
Polyethylene Glycol 300 Monostearate  
Polyoxyethylene (6) Monostearate  
Protamate 300 DPS (*Protameen*)

### PEG-6-32 STEARATE

RD Number: 977055-38-1

**Definition:** PEG-6-32 Stearate is the ester of stearic acid and PEG-6-32 (q.v.).

**Other Names:**

Hodag 150-S (*Hodag*)  
Lipo-PEG 15-S (*Lipo*)  
Pegospere 1500 MS (*Glyco*)

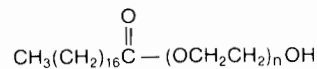
## PEG-9 Stearate

Polyethylene Glycol 1500 Monostearate  
Polyoxyethylene 1500 Monostearate  
Protamate 1500 DPS (*Protameen*)

### PEG-7 STEARATE

RD Number: 977065-81-8

**Definition:** PEG-7 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 7.

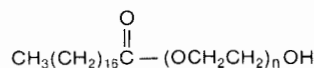
**Other Names:**

Pegospere 350 MS (*Glyco*)  
Polyethylene Glycol (7) Monostearate  
Polyoxyethylene (7) Monostearate

### PEG-8 STEARATE

RD Number: 977055-39-2

**Definition:** PEG-8 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 8.

**Information Sources:** CTFA, AUS, DA, HUN, MAR, PJ, USAN, USP, 21CFR121.2507, 21CFR121.2526, 21CFR121.2531, 21CFR121.2557

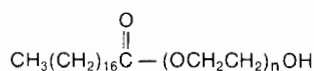
**Other Names:**

Beta PEG 4MS (*Beta*)  
Cerasynt 660 (*Van Dyk*)  
Chemester 400-DPS (*Chemical Products*)  
Emerest 2640 (*Malmstrom*)  
Grocor 400 (*Gross, A.*)  
Hodag 40-S (*Hodag*)  
Kessco PEG 400 Monostearate (*Armak*)  
Lipal 400S (*PVO*)  
Lipo-PEG 4-S (*Lipo*)  
Macrogol Stearate 400  
Myrj 45 (*ICI United States*)  
Pegospere 400 MS (*Glyco*)  
Polyethylene Glycol 400 Monostearate  
Polyoxyethylene (8) Monostearate  
Polyoxyl 8 Stearate  
Protamate 400 DPS (*Protameen*)  
Varonic 400 MS (*Ashland*)

### PEG-9 STEARATE

RD Number: 977068-31-7

**Definition:** PEG-9 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 9.

## PEG-9 Stearate (Cont.)

## PEG-35 Stearate

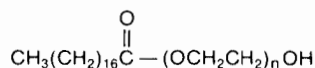
### Other Names:

Polyethylene Glycol 450 Monostearate  
Polyoxyethylene (9) Monostearate

## PEG-10 STEARATE

RD Number: 977065-33-0

**Definition:** PEG-10 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 10.

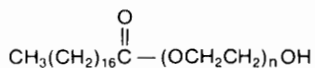
### Other Names:

Ethofat 60/20 (*Armak*)  
Polyethylene Glycol (10) Monostearate  
Polyoxyethylene (10) Monostearate

## PEG-12 STEARATE

RD Number: 977055-40-5

**Definition:** PEG-12 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 12.

**Information Sources:** CTFA, 21CFR121.2507,  
21CFR121.2526

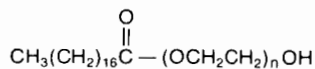
### Other Names:

Kessco PEG 600 Monostearate (*Armak*)  
Lipo-PEG 6-S (*Lipo*)  
Pegospere 600 MS (*Glyco*)  
Polyethylene Glycol 600 Monostearate  
Polyoxyethylene (12) Monostearate  
Protamate 600 DPS (*Protameen*)

## PEG-18 STEARATE

RD Number: 977063-41-4

**Definition:** PEG-18 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 18.

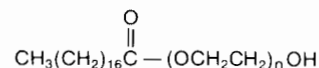
### Other Names:

Pegospere 900 MS (*Glyco*)  
Polyethylene Glycol (18) Monostearate  
Polyoxyethylene (18) Monostearate

## PEG-20 STEARATE

RD Number: 977055-41-6

**Definition:** PEG-20 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 20.

**Information Sources:** CTFA

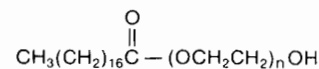
### Other Names:

Cerasynt 840 (*Van Dyk*)  
Chemester 1000-DPS (*Chemical Products*)  
Kessco PEG 1000 Monostearate (*Armak*)  
Lipo-PEG 10S (*Lipo*)  
Pegospere 1000 MS (*Glyco*)  
Polyethylene Glycol 1000 Monostearate  
Polyoxyethylene (20) Monostearate  
Protamate 1000 DPS (*Protameen*)  
Varonic 1000 MS (*Ashland*)

## PEG-30 STEARATE

RD Number: 977055-42-7

**Definition:** PEG-30 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 30.

**Information Sources:** CTFA

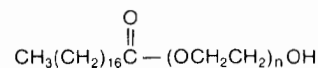
### Other Names:

Atlas G-2151 (*ICI United States*)  
G-2151 (*ICI United States*)  
Polyethylene Glycol (30) Monostearate  
Polyoxyethylene (30) Monostearate

## PEG-32 STEARATE

RD Number: 977055-43-8

**Definition:** PEG-32 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 32.

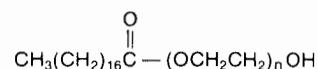
### Other Names:

Chemester 1540-DPS (*Chemical Products*)  
Kessco PEG 1540 Monostearate (*Armak*)  
Polyethylene Glycol 1540 Monostearate  
Polyoxyethylene (32) Monostearate  
Protamate 1540 DPS (*Protameen*)

## PEG-35 STEARATE

RD Number: 977068-25-9

**Definition:** PEG-35 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 35.

## PEG-35 Stearate (Cont.)

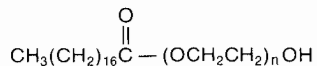
### Other Names:

Lipo-PEG 16-S (*Lipo*)  
Polyethylene Glycol (35) Monostearate  
Polyoxyethylene (35) Monostearate

## PEG-36 STEARATE

RD Number: 977068-26-0

**Definition:** PEG-36 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 36.

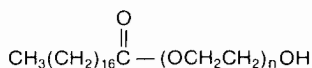
### Other Names:

Polyethylene Glycol 1800 Monostearate  
Polyoxyethylene (36) Monostearate  
Varonic 1800 MS (*Ashland*)

## PEG-40 STEARATE

RD Number: 977009-12-3

**Definition:** PEG-40 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 40.

**Information Sources:** BRA, MAR, USAN, USD, USP, 21CFR121.1099, 21CFR121.2520, 21CFR121.2557

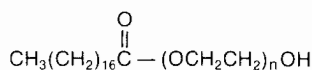
### Other Names:

Emerest 2672 (*Malmstrom*)  
Lipal 39S (*PVO*)  
Macrogol Stearate 2000  
Myrj 52 (*ICI United States*)  
Myrj 52S (*ICI United States*)  
Pegospere 1750 MS (*Glyco*)  
Polyethylene Glycol 2000 Monostearate  
Polyoxyethylene (40) Monostearate  
Polyoxyl 40 Stearate  
Protamate 2000 DPS (*Protameen*)  
Stearethate 40

## PEG-45 STEARATE

RD Number: 977065-63-6

**Definition:** PEG-45 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 45.

### Other Names:

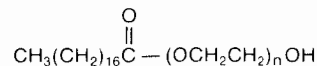
Lipo-PEG 20-S (*Lipo*)  
Polyethylene Glycol (45) Monostearate  
Polyoxyethylene (45) Monostearate  
Protamate 4000 DPS (*Protameen*)

## PEG-100 Stearate

## PEG-50 STEARATE

RD Number: 977055-45-0

**Definition:** PEG-50 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 50.

**Information Sources:** CTFA, NF

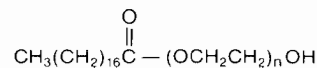
### Other Names:

Atlas G-2153 (*ICI United States*)  
G-2153 (*ICI United States*)  
Lipal 50S (*PVO*)  
Myrj 53 (*ICI United States*)  
Polyethylene Glycol (50) Monostearate  
Polyoxyethylene (50) Monostearate

## PEG-75 STEARATE

RD Number: 977055-46-1

**Definition:** PEG-75 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 75.

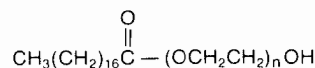
### Other Names:

Chemester 4000-DPS (*Chemical Products*)  
Kessco PEG 4000 Monostearate (*Armak*)  
Pegospere 4000 MS (*Glyco*)  
Polyethylene Glycol 4000 Monostearate  
Polyoxyethylene (75) Monostearate

## PEG-90 STEARATE

RD Number: 977065-88-5

**Definition:** PEG-90 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 90.

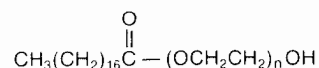
### Other Names:

Polyethylene Glycol (90) Monostearate  
Polyoxyethylene (90) Monostearate

## PEG-100 STEARATE

RD Number: 977055-47-2

**Definition:** PEG-100 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 100.

**Information Sources:** CTFA



## PEG-100 Stearate (Cont.)

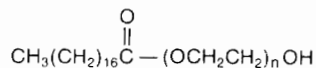
### Other Names:

Myrj 59 (ICI United States)  
Polyethylene Glycol (100) Monostearate  
Polyoxyethylene (100) Monostearate

## PEG-120 STEARATE

RD Number: 977061-02-1

**Definition:** PEG-120 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 120.

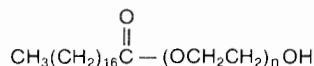
### Other Names:

Polyethylene Glycol (120) Monostearate  
Polyoxyethylene (120) Monostearate

## PEG-150 STEARATE

RD Number: 977055-48-3

**Definition:** PEG-150 Stearate is the polyethylene glycol ester of stearic acid that conforms to the formula:



where n has an average value of 150.

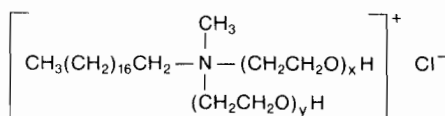
### Other Names:

Kessco PEG 6000 Monostearate (*Armak*)  
Polyethylene Glycol 6000 Monostearate  
Polyoxyethylene (150) Monostearate

## PEG-2 STEARYL QUATERNIUM-4

RD Number: 977066-74-2

**Definition:** PEG-2 Stearyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:



where x + y has an average value of 2.

### Other Names:

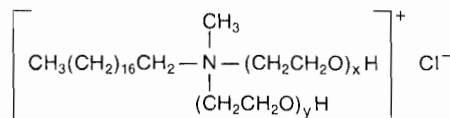
Ethoquad 18/12 (*Armak*)  
Polyethylene Glycol 100 Stearyl  
Quaternium-4  
Polyoxyethylene (2) Stearyl Quaternium-4

## PEG-15 STEARYL QUATERNIUM-4

RD Number: 977066-77-5

**Definition:** PEG-15 Stearyl Quaternium-4 is the derivative of Quaternium-4 (q.v.) that conforms generally to the formula:

## PEG-12 Tallate



where x + y has an average value of 15.

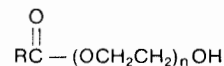
### Other Names:

Ethoquad 18/25 (*Armak*)  
Polyethylene Glycol (15) Stearyl  
Quaternium-4  
Polyoxyethylene (15) Stearyl Quaternium-4

## PEG-4 TALLATE

RD Number: 977065-59-0

**Definition:** PEG-4 Tallate is the polyethylene glycol ester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{RC}}-$  represents the tall oil acid radical and n has an average value of 4.

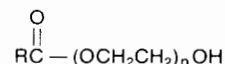
### Other Names:

Chemester 200-T (*Chemical Products*)  
Polyethylene Glycol 200 Monotallate  
Polyoxyethylene (4) Monotallate  
Protamate 200 T (*Protameen*)

## PEG-8 TALLATE

RD Number: 977055-49-4

**Definition:** PEG-8 Tallate is the polyethylene glycol ester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{RC}}-$  represents the tall oil acid radical and n has an average value of 8.

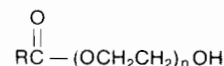
### Other Names:

Chemester 400-T (*Chemical Products*)  
Pegosperse 400 MOT (*Glyco*)  
Polyethylene Glycol 400 Monotallate  
Polyoxyethylene (8) Monotallate  
Protamate 400 T (*Protameen*)

## PEG-12 TALLATE

RD Number: 977068-27-1

**Definition:** PEG-12 Tallate is the polyethylene glycol ester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{\text{RC}}-$  represents the tall oil radical and n has an average value of 12.

## PEG-12 Tallate (Cont.)

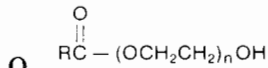
### Other Names:

Polyethylene Glycol 600 Monotallate  
Polyoxyethylene (12) Monotallate  
Protamate 600 T (*Protameen*)

## PEG-16 TALLATE

RD Number: 977055-50-7

**Definition:** PEG-16 Tallate is the polyethylene glycol ester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the tall oil acid radical and  $n$  has an average value of 16.

**Information Sources:** CTFA

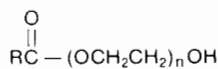
### Other Names:

Polyethylene Glycol (16) Monotallate  
Polyoxyethylene (16) Monotallate  
Renex 20 (*ICI United States*)

## PEG-20 TALLATE

RD Number: 977063-51-6

**Definition:** PEG-20 Tallate is the polyethylene glycol ester of Tall Oil Acid (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the tall oil acid radical and  $n$  has an average value of 20.

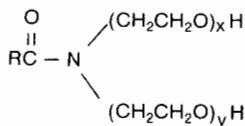
### Other Names:

Chemester 1000-T (*Chemical Products*)  
Polyethylene Glycol 1000 Monotallate  
Polyoxyethylene (20) Monotallate  
Protamate 1000 T (*Protameen*)

## PEG-5 TALLOW AMIDE

CAS Number: MX8051-61-4

**Definition:** PEG-5 Tallow Amide is the polyethylene glycol amide of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the tallow acid radical and  $x + y$  has an average value of 5.

### Other Names:

Ethomid HT/15 (*Armak*)  
Polyethylene Glycol (5) Hydrogenated  
Tallow Amide

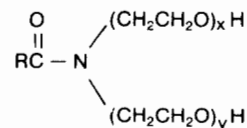
## PEG-2 Tallow Amine

Polyoxyethylene (5) Hydrogenated Tallow  
Amide

## PEG-8 TALLOW AMIDE

RD Number: 977062-58-0

**Definition:** PEG-8 Tallow Amide is the polyethylene glycol amide of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the tallow acid radical and  $x + y$  has an average value of 8.

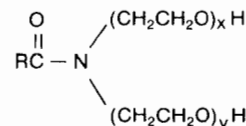
### Other Names:

Polyethylene Glycol 400 Tallow Amide  
Polyoxyethylene (8) Tallow Amide

## PEG-50 TALLOW AMIDE

CAS Number: MX8051-63-6

**Definition:** PEG-50 Tallow Amide is the polyethylene glycol amide of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where  $\text{RC}-$  represents the tallow acid radical and  $x + y$  has an average value of 50.

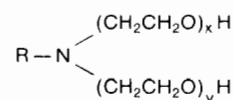
### Other Names:

Ethomid HT/60 (*Armak*)  
Methomid 60 (*Scher Bros.*)  
Polyethylene Glycol (50) Hydrogenated  
Tallow Amide  
Polyoxyethylene (50) Hydrogenated Tallow Amide

## PEG-2 TALLOW AMINE

RD Number: 977063-46-9

**Definition:** PEG-2 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where  $\text{R}$  represents the tallow radical and  $x + y$  has an average value of 2.

### Other Names:

Chemox T-2 (*Chemical Products*)  
Ethomeen T/12 (*Armak*)  
Polyethylene Glycol 100 Tallow Amine

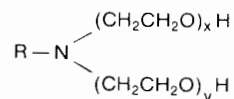
## PEG-2 Tallow Amine (Cont.)

Polyoxyethylene (2) Tallow Amine  
Protox T-2 (*Protameen*)

## PEG-5 TALLOW AMINE

CAS Number: MX8051-58-9

**Definition:** PEG-5 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 5.

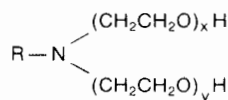
### Other Names:

Bina Coba 3001 (*Ciba-Geigy*)  
Chemox T-5 (*Chemical Products*)  
Ethomeen T/15 (*Armak*)  
Polyethylene Glycol (5) Tallow Amine  
Polyoxyethylene (5) Tallow Amine  
Protox T-5 (*Protameen*)

## PEG-8 TALLOW AMINE

RD Number: 977062-12-6

**Definition:** PEG-8 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 8.

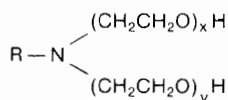
### Other Names:

Polyethylene Glycol 400 Tallow Amine  
Polyoxyethylene (8) Tallow Amine  
Product 332 (*Intracolor*)

## PEG-15 TALLOW AMINE

RD Number: 977063-36-7

**Definition:** PEG-15 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 15.

### Other Names:

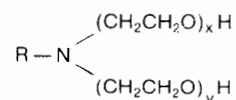
Chemox T-15 (*Chemical Products*)  
Ethomeen T/25 (*Armak*)  
Polyethylene Glycol (15) Tallow Amine  
Polyoxyethylene (15) Tallow Amine  
Protox T-15 (*Protameen*)

## PEG-50 Tallow Amine

## PEG-20 TALLOW AMINE

RD Number: 977063-52-7

**Definition:** PEG-20 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 20.

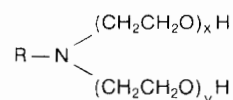
### Other Names:

Atlas G-3780-A (*ICI United States*)  
G-3780-A (*ICI United States*)  
Polyethylene Glycol 1000 Tallow Amine  
Polyoxyethylene (20) Tallow Amine

## PEG-40 TALLOW AMINE

RD Number: 977065-61-4

**Definition:** PEG-40 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 40.

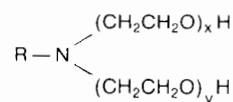
### Other Names:

Chemox T-40 (*Chemical Products*)  
Polyethylene Glycol 2000 Tallow Amine  
Polyoxyethylene (40) Tallow Amine  
Protox T-40 (*Protameen*)

## PEG-50 TALLOW AMINE

RD Number: 977069-79-6

**Definition:** PEG-50 Tallow Amine is the polyethylene glycol amine of Hydrogenated Tallow (q.v.) that conforms generally to the formula:



where R represents the tallow radical and  $x + y$  has an average value of 50.

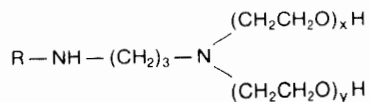
### Other Names:

Chemox T-50 (*Chemical Products*)  
Polyethylene Glycol (50) Tallow Amine  
Polyoxyethylene (50) Tallow Amine  
Protox T-50 (*Protameen*)  
Varonic U-250 (*Ashland*)

**PEG-3 TALLOW AMINOPROPYLAMINE**

RD Number: 977066-69-5

**Definition:** PEG-3 Tallow Aminopropylamine is the polyethylene glycol amine that conforms generally to the formula:



where R represents the tallow radical and  $x + y + z$  has an average value of 3.

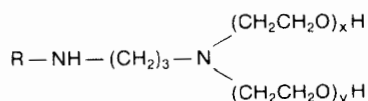
**Other Names:**

Ethoduomeen T/13 (*Armak*)  
Polyethylene Glycol (3) Tallow Aminopropylamine  
Polyoxyethylene (3) Tallow Aminopropylamine

**PEG-10 TALLOW AMINOPROPYLAMINE**

RD Number: 977066-70-8

**Definition:** PEG-10 Tallow Aminopropylamine is the polyethylene glycol amine that conforms generally to the formula:



where R represents the tallow radical and  $x + y + z$  has an average value of 10.

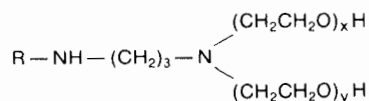
**Other Names:**

Ethoduomeen T/20 (*Armak*)  
Polyethylene Glycol (10) Tallow  
Aminopropylamine  
Polyoxyethylene (10) Tallow Aminopropylamine

**PEG-15 TALLOW AMINOPROPYLAMINE**

RD Number: 977066-71-9

**Definition:** PEG-15 Tallow Aminopropylamine is the polyethylene glycol amine that conforms generally to the formula:



where R represents the tallow radical and  $x + y + z$  has an average value of 15.

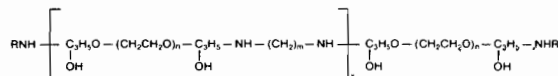
**Other Names:**

Ethoduomeen T/25 (*Armak*)  
Polyethylene Glycol (15) Tallow  
Aminopropylamine  
Polyoxyethylene (15) Tallow Aminopropylamine

**PEG-15 TALLOW POLYAMINE**

RD Number: 977069-49-0

**Definition:** PEG-15 Tallow Polyamine is polyethylene glycol polyamine that conforms generally to the formula:



where R represents the tallow radical, n has an average value of 10 to 20, m has an average value of 2 to 6 and x has an average value of 2 to 4.

**Other Names:**

Polyethylene Glycol (15) Tallow Polyamine  
Polyoxyethylene (15) Tallow Polyamine  
Polyquart H (*Henkel*)

**PEG-66 TRIHYDROXYSTEARIN**

RD Number: 977069-50-3

**Definition:** PEG-66 Trihydroxystearin is a polyethylene glycol derivative of Trihydroxystearin (q.v.) with an average of 66 moles of ethylene oxide.

**Other Names:**

Paricin 545 WD (*NL Industries*)  
Polyethylene Glycol (66) Trihydroxystearin  
Polyoxyethylene (66) Trihydroxystearin

**PEG-200 TRIHYDROXYSTEARIN**

RD Number: 977069-51-4

**Definition:** PEG-200 Trihydroxystearin is a polyethylene glycol derivative of Trihydroxystearin (q.v.) with an average of 200 moles of ethylene oxide.

**Other Names:**

Paricin 535 WD (*NL Industries*)  
Polyethylene Glycol (200) Trihydroxystearin  
Polyoxyethylene (200) Trihydroxystearin

**PEI-7**

RD Number: 977069-52-5

**Definition:** PEI-7 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 7.

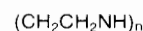
**Other Names:**

Polyethylenimine 300 (*Dow*)

**PEI-15**

RD Number: 977069-53-6

**Definition:** PEI-15 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 15.

**Other Names:**

Polyethylenimine 600 (*Dow*)

## PEI-30

### PEI-30

RD Number: 977069-54-7

**Definition:** PEI-30 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 30.

**Other Names:**

Polyethylenimine 1200 (Dow)

### PEI-45

RD Number: 977069-55-8

**Definition:** PEI-45 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 45.

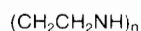
**Other Names:**

Polyethylenimine 1800 (Dow)

### PEI-1000

RD Number: 977065-56-9

**Definition:** PEI-1000 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 1000.

**Other Names:**

Polyethylenimine 40,000 (Dow)

### PEI-1500

RD Number: 977069-57-0

**Definition:** PEI-1500 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 1500.

**Other Names:**

Polyethylenimine 60,000 (Dow)

### PEI-2500

RD Number: 977069-58-1

**Definition:** PEI-2500 is the polymer of ethylenimine that conforms generally to the formula:



where n has an average value of 2500.

**Other Names:**

Polyethylenimine 100,000 (Dow)

## Pentaerythritol Tetrastearate

### PENGAWAR DJAMBI OIL

RD Number: 977066-87-7

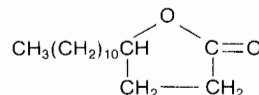
**Definition:** Pengawar Djambi Oil is the oil obtained from various ferns of the family *Cyatheaceae*.

**Information Sources:** USD25th Edit.

### PENTADECALACTONE

CAS Number: 106-02-5

**Definition:** Pentadecalactone is the lactone of 4-hydroxypentadecanoic acid that conforms to the formula:



**Other Names:**

Pentadecanolide

Thibetolide (*Givaudan*)

### PENTAERYTHRITOL ROSINATE

RD Number: 977064-43-9

**Definition:** Pentaerythritol Rosinate is the ester of rosin acids with the polyol, pentaerythritol.

**Information Sources:** FCC, 21CFR121.2514

**Other Names:**

Arochem 351 (*Ashland*)

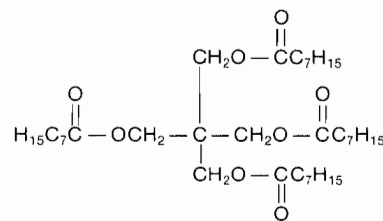
Cellolyn 102 (*Hercules*)

Pentalyn A (*Hercules*)

### PENTAERYTHRITOL TETRAOCTANOATE

RD Number: 977067-26-7

**Definition:** Pentaerythritol Tetraoctanoate is the tetraester of pentaerythritol and 2-ethylhexanoic acid. It conforms generally to the formula:



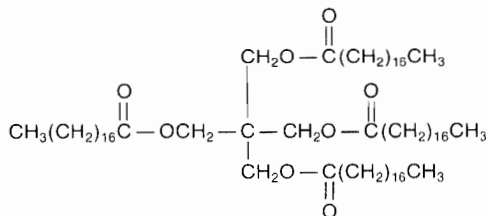
**Other Names:**

Ramate PE-408 (*Nippon Fine Chemicals*)

### PENTAERYTHRITOL TETRASTEARATE

RD Number: 977067-27-8

**Definition:** Pentaerythritol Tetrastearate is the tetraester of pentaerythritol and stearic acid. It conforms to the formula:



Information Sources: 21CFR121.2507,  
21CFR121.2520, 21CFR121.2526, 21CFR121.2566

### PENTAPOTASSIUM TRIPHOSPHATE

RD Number: 977051-78-7

Definition: Pentapotassium Triphosphate is the inorganic salt that conforms to the formula:



Information Sources: FCC, MI, 21CFR121.1008

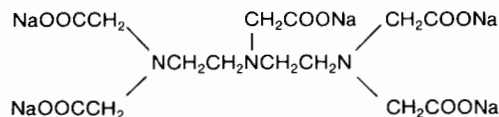
Other Names:

Potassium Triphosphate

### PENTASODIUM PENTETATE

CAS Number: 140-01-2

Definition: Pentasodium Pentetate is the pentasodium salt of diethylenetriaminepentaacetic acid. It conforms to the formula:



Information Sources: CTFA, 21CFR121.2515

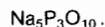
Other Names:

Hamp-Ex 80 (*Hampshire*)  
Pentasodium Diethylenetriaminepentaacetate  
Perma Klear 140 (*Onyx*)  
Versenex 80 (*Dow*)

### PENTASODIUM TRIPHOSPHATE

CAS Number: 7758-29-4

Definition: Pentasodium Triphosphate is the inorganic salt that conforms to the formula:



Information Sources: CTFA, FCC, MI,  
21CFR121.101, 21CFR121.1088

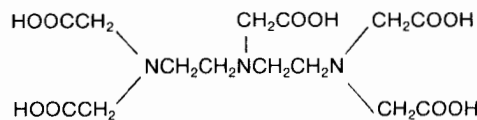
Other Names:

Sodium Tripolyphosphate

### PENTETIC ACID

CAS Number: 67-43-6

Definition: Pentetic Acid is the substituted amine that conforms to the formula:



Information Sources: CTFA, MI

Other Names:

Chel DTPA (*Ciba-Geigy*)  
Diethylenetriaminepentaacetic Acid  
Hamp-Ex Acid (*Hampshire*)  
Penthanil

### PEPPERMINT EXTRACT

Definition: Peppermint Extract is an extract of the leaves of *Mentha piperita*.

Information Sources: HP, NF, 21CFR121.101

### PEPPERMINT LEAVES

Definition: Peppermint Leaves are the dried leaves and tops of *Mentha piperita*.

Information Sources: BEL, CZE, DDR, EGY, HP,  
HUN, MAR, MI, NED, NF, POL, POR, ROM,  
USD, USP XVIII, USSR, YUG, 21CFR121.101

### PEPPERMINT OIL

CAS Number: MX8006-90-4

Definition: Peppermint Oil is a volatile oil obtained from the plant *Mentha piperita*.

Information Sources: BEL, BP, BPC, BRA, CZE,  
DA, DDR, EGY, FCC, FI, FIN, HUN, ITA,  
MAR, MEX, MI, PF, PN, POL, ROM, USD,  
USP, USSR, YUG, 21CFR121.101

Other Names:

Oil of Peppermint

### PETROLATUM

CAS Number: MX8009-03-8 (NF)  
MX8027-32-5 (USP)

Definition: Petrolatum is a semisolid mixture of hydrocarbons obtained from petroleum.

Information Sources: CTFA, ARG, AUS, BEL, BP,  
BPC, CZE, DA, DDR, EGY, FCC, FI, FIN, HUN,  
ITA, MAR, MEX, MI, NF, NFJ, PF, PJ, PN,  
POR, ROM, SNPF, USD, YUG, 21CFR121.261,  
21CFR121.1099, 21CFR121.1166,  
21CFR121.2514, 21CFR121.2519,  
21CFR121.2520, 21CFR121.2526,  
21CFR121.2531, 21CFR121.2535,  
21CFR121.2553, 21CFR121.2557,  
21CFR121.2562, 21CFR121.2577,  
21CFR121.2586, 21CFR121.2588

*Other Names:*

- Petrolatum Amber
- Petrolatum White
- Petroleum Jelly
- USP
  - Amojell Petrolatum Snow White (*Amoco*)
  - Cream White (*Penreco*)
  - Fonoline, White (*Witco*)
  - Lily White (*Penreco*)
  - Pennsoline Soft White (*Penreco*)
  - Penreco White (*Penreco*)
  - Perfecta (*Witco*)
  - Petrolatum Snow White (*Penreco*)
  - Protopet, Alba (*Witco*)
  - Protopet, White 1S (*Witco*)
  - Protopet, White 2L (*Witco*)
  - Protopet, White 3C (*Witco*)
  - Snow White (*Penreco*)
  - Sonojell #4 (*Witco*)
  - Sonojell #9 (*Witco*)
  - Super White (*Penreco*)
  - Ultima White (*Penreco*)

NF

- Amber (*Penreco*)
- Amojell Petrolatum Cream (*Amoco*)
- Cream White (*Penreco*)
- Extra Amber (*Penreco*)
- Fonoline, Yellow (*Witco*)
- Pennsoline Soft Yellow (*Penreco*)
- Protopet, Yellow 1E (*Witco*)
- Protopet, Yellow 2A (*Witco*)

Other

- Fybrene (*Witco*)
- Mineral Jelly No. 5 (*Penreco*)
- Mineral Jelly No. 10 (*Penreco*)
- Mineral Jelly No. 15 (*Penreco*)
- Mineral Jelly No. 20 (*Penreco*)
- Mineral Jelly No. 25 (*Penreco*)
- Snow White Petrolatum (*Stevenson*)

**PETROLEUM DISTILLATE**

RD Number: 977057-59-2

*Definition:* Petroleum Distillate is a mixture of volatile hydrocarbons obtained from petroleum.

*Information Sources:* CTFA, KOR, MAR

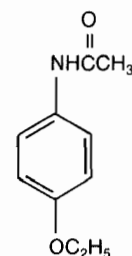
*Other Names:*

- No. 2251 Oil (*Penreco*)
- Penn-Drake No. 2251 Oil (*Penreco*)
- Shell Sol 71 (*Shell*)

**PHENACETIN**

CAS Number: 66-44-2

*Definition:* Phenacetin is the aromatic compound that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, ROM, SPA, USD, USP XVIII, WHO, YUG

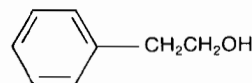
*Other Names:*

Acetophenetidin

**PHENETHYL ALCOHOL**

CAS Number: 60-12-8

*Definition:* Phenethyl Alcohol is the aromatic alcohol that conforms to the formula:



*Information Sources:* BP1963, FCC, MAR, MI, NF, PN, USD, 21CFR121.1164

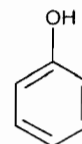
*Other Names:*

- 2-Phenylethanol
- Phenyl Ethyl Alcohol

**PHENOL**

CAS Number: 108-95-2

*Definition:* Phenol is the aromatic compound that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR121.2520, 21CFR121.2587

*Other Names:*

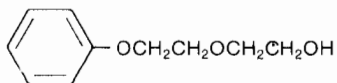
- Carbolic Acid
- Liquid Phenol

**PHENOXYDIGLYCOL**

CAS Number: 104-68-7

*Definition:* Phenoxydiglycol is the aromatic ether alcohol that conforms to the formula:

## Phenoxydiglycol (Cont.)



Information Sources: 21CFR121.2520

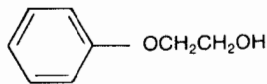
### Other Names:

Diethylene Glycol Monophenyl Ether

## PHENOXYETHANOL

CAS Number: 122-99-6

Definition: Phenoxyethanol is the aromatic ether alcohol that conforms to the formula:



Information Sources: BPC, MAR, MI, SNPF, 21CFR121.2520

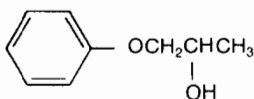
### Other Names:

Dowanol EPH (Dow)  
Ethylene Glycol Monophenyl Ether  
2-Phenoxyethanol  
Phenoxytol  
Phenyl Cellosolve (Union Carbide)

## PHENOXYISOPROPANOL

RD Number: 977057-60-5

Definition: Phenoxyisopropanol is the aromatic ether alcohol that conforms to the formula:



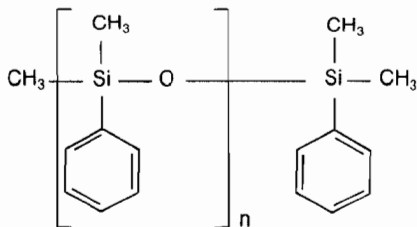
### Other Names:

1-Phenoxy-2-Propanol  
Propylene Phenoxetol (Nipa)

## PHENYL DIMETHICONE

RD Number: 977058-71-1

Definition: Phenyl Dimethicone is a mixture of linear siloxane polymers that conforms generally to the formula:



## p-Phenylenediamine

Information Sources: 21CFR121.2514, 21CFR121.2520

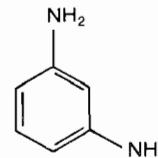
### Other Names:

Dow Corning 556 Fluid (Dow Corning)  
Methyl Phenyl Polysiloxane  
Polyphenylmethyl Siloxane  
Silicone 556 Fluid (Dow Corning)  
Silicone Fluid SF-1075 (General Electric)

## m-PHENYLENEDIAMINE

CAS Number: 108-45-2

Definition: m-Phenylenediamine is the aromatic amine that conforms to the formula:



Information Sources: CI 76025, MI

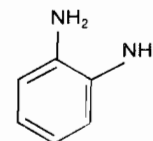
### Other Names:

1,3-Phenylenediamine

## o-PHENYLENEDIAMINE

CAS Number: 95-54-5

Definition: o-Phenylenediamine is the aromatic amine that conforms to the formula:



Information Sources: CI 76010, MI

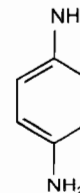
### Other Names:

1,2-Phenylenediamine

## p-PHENYLENEDIAMINE

CAS Number: 106-50-3

Definition: p-Phenylenediamine is the aromatic amine that conforms to the formula:



Information Sources: CI 76060, MAR, MI

### Other Names:

1,4-Phenylenediamine

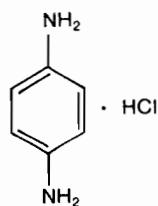


### *p*-Phenylenediamine HCl

#### **p-PHENYLENEDIAMINE HCl**

CAS Number: 624-18-0

*Definition:* *p*-Phenylenediamine HCl is the aromatic amine that conforms to the formula:



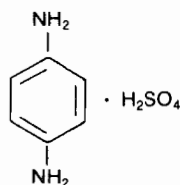
*Information Sources:* CI 76061, MI

*Other Names:*

1,4-Phenylenediamine HCl  
*p*-Phenylenediamine Hydrochloride

#### **p-PHENYLENEDIAMINE SULFATE**

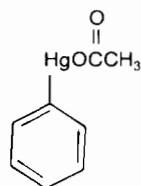
*Definition:* *p*-Phenylenediamine Sulfate is the aromatic amine that conforms to the formula:



#### **PHENYL MERCURIC ACETATE**

CAS Number: 62-38-4

*Definition:* Phenyl Mercuric Acetate is the metallo-organic compound that conforms to the formula:

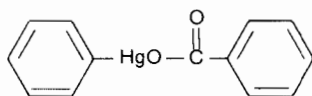


*Information Sources:* AUS, BPC, DDR, MAR, MI, NF, NFJ, PJ, POR

#### **PHENYL MERCURIC BENZOATE**

CAS Number: 94-43-9

*Definition:* Phenyl Mercuric Benzoate is the metallo-organic compound that conforms to the formula:



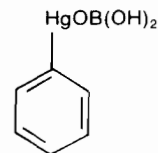
### *N*-Phenyl-*p*-Phenylenediamine

*Information Sources:* 27CFR212.85

#### **PHENYL MERCURIC BORATE**

CAS Number: 102-98-7

*Definition:* Phenyl Mercuric Borate is the metallo-organic compound that conforms to the formula:

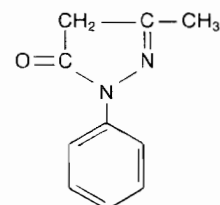


*Information Sources:* BRA, CZE, DDR, FIN, MAR, MI

#### **PHENYL METHYL PYRAZOLONE**

RD Number: 977067-97-2

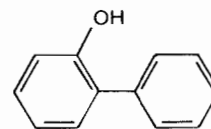
*Definition:* Phenyl Methyl Pyrazalone is the heterocyclic amine that conforms to the formula:



#### **o-PHENYLPHENOL**

CAS Number: 90-43-7

*Definition:* *o*-Phenylphenol is the substituted aromatic compound that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, 21CFR121.2519, 21CFR121.2520, 21CFR121.2562

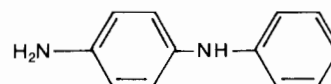
*Other Names:*

Dowicide 1 (*Dow*)  
2-Phenyl Phenol

#### **N-PHENYL-*p*-PHENYLENEDIAMINE**

CAS Number: 101-54-2

*Definition:* *N*-Phenyl-*p*-Phenylenediamine is the aromatic amine that conforms to the formula:



## N-Phenyl-p-Phenylenediamine (Cont.)

Information Sources: CI 76085

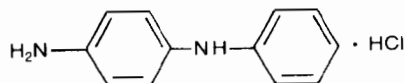
Other Names:

p-Aminodiphenylamine  
4-Aminodiphenylamine

## N-PHENYL-p-PHENYLENEDIAMINE HCl

CAS Number: 2198-59-6

Definition: N-Phenyl-p-Phenylenediamine HCl is the aromatic amine that conforms to the formula:



Information Sources: CI 76086

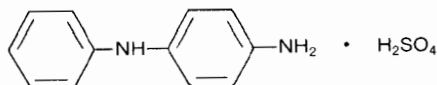
Other Names:

p-Aminodiphenylamine HCl

## N-PHENYL-p-PHENYLENEDIAMINE SULFATE

RD Number: 977061-86-1

Definition: N-Phenyl-p-Phenylenediamine Sulfate is the aromatic amine that conforms to the formula:



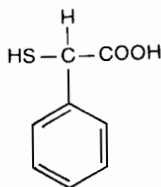
Other Names:

p-Aminodiphenylamine Sulfate

## PHENYLTHIOGLYCOLIC ACID

CAS Number: 103-04-8

Definition: Phenylthioglycolic Acid is the aromatic acid that conforms to the formula:



Information Sources: CTFA

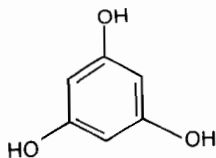
Other Names:

Phenyl Mercaptoacetic Acid  
Phenyl Thioacetic Acid

## PHLOROGLUCINOL

CAS Number: 108-73-6

Definition: Phloroglucinol is the aromatic alcohol that conforms to the formula:



## Pigment Blue 15

Information Sources: MI

Other Names:

1,3,5-Benzenetriol

## PHOSPHORIC ACID

CAS Number: 7664-38-2

Definition: Phosphoric Acid is the inorganic acid that conforms to the formula:

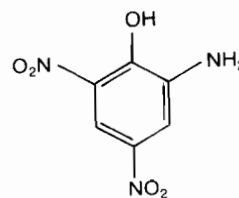


Information Sources: ARG, AUS, BP, BPC, BRA, DA, DDR, EGY, EP, FCC, HP, HUN, IND, ITA, MAR, MEX, MI, NF, NFJ, PF, PJ, POR, ROM, USD, YUG, 21CFR121.101, 21CFR121.2514

## PICRAMIC ACID

CAS Number: 96-91-3

Definition: Picramic Acid is the substituted phenolic compound that conforms to the formula:



Information Sources: CI 76540, MI

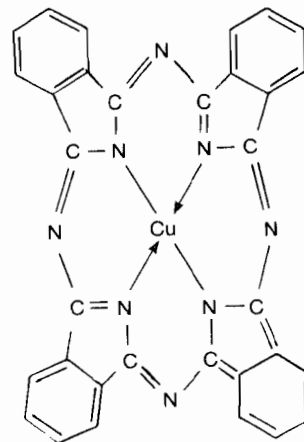
Other Names:

2-Amino-4,6-Dinitrophenol  
2,4-Dinitro-6-Aminophenol

## PIGMENT BLUE 15

CAS Number: 147-14-8

Definition: Pigment Blue 15 is classed chemically as a phthalocyanine (copper complex) color. It conforms generally to the formula:



Information Sources: CI 74160, JC, M3, 21CFR121.2514, 21CFR121.2522, 21CFR121.2562

## Pigment Blue 15 (Cont.)

### Other Names:

Blue No. 404 (Japan)  
C-Ext. Blau 10 (Germany)  
Germany: C-Ext. Blau 10  
Japan: Blue No. 404  
Monastral Fast Blue B (DuPont)  
Monastral Fast Blue BWD (DuPont)  
Phthalocyanine Blue (Hilton-Davis)

## PIGMENT GREEN 7

CAS Number: 1328-53-6

**Definition:** Pigment Green 7 is classed chemically as a phthalocyanine color.

**Information Sources:** CI 74260, M3

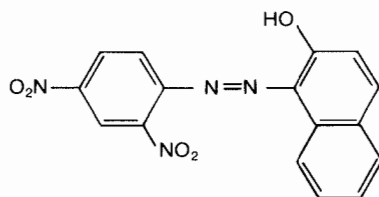
### Other Names:

C-Ext. Grun 5 (Germany)  
Germany: C-Ext. Grun 5  
Monastral Fast Green GFNP (DuPont)  
Phthalocyanine Green (Hilton-Davis)

## PIGMENT ORANGE 5

CAS Number: 3468-63-1

**Definition:** Pigment Orange 5 is a color classed chemically as a monoazo color. It conforms to the formula:



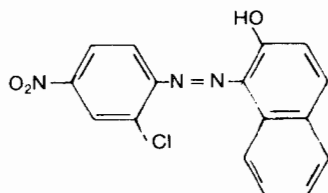
The name Pigment Orange 5 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D&C Orange No. 17.

**Information Sources:** CI 12075, JC

## PIGMENT RED 4

CAS Number: 2814-77-9

**Definition:** Pigment Red 4 is a color classed chemically as a monoazo color. It conforms to the formula:



The name Pigment Red 4 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D&C Red No. 36.

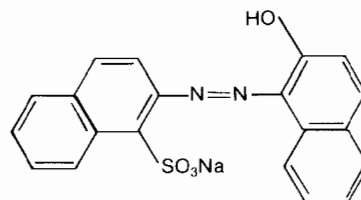
## Pigment Red 49:2

**Information Sources:** CI 12085, JC, M3

## PIGMENT RED 49

CAS Number: 1248-18-6

**Definition:** Pigment Red 49 is a color classed chemically as a monoazo color. It conforms to the formula:



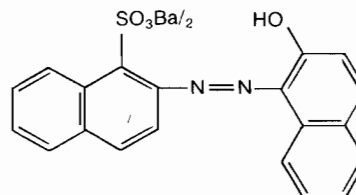
This color converted to the calcium, barium or strontium salt is Pigment Red 49:2, 49:1 or 49:3 respectively. The name Pigment Red 49 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D&C Red No. 10.

**Information Sources:** CI 15630, JC

## PIGMENT RED 49:1

CAS Number: 1103-38-4

**Definition:** Pigment Red 49:1 is a color classed chemically as a monoazo color. It conforms to the formula:



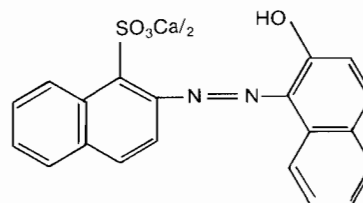
This color is the barium salt of Pigment Red 49. The name Pigment Red 49:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 12.

**Information Sources:** CI 15630:1, JC

## PIGMENT RED 49:2

CAS Number: 1103-39-5

**Definition:** Pigment Red 49:2 is a color classed chemically as a monoazo color. It conforms to the formula:



### Pigment Red 49:2 (Cont.)

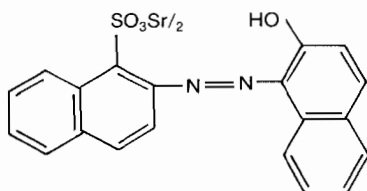
This color is the calcium salt of Pigment Red 49. The name Pigment Red 49:2 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 11.

*Information Sources:* CI 15630:2, JC

### PIGMENT RED 49:3

*CAS Number:* 6371-67-1

*Definition:* Pigment Red 49:3 is a color classed chemically as a monoazo color. It conforms to the formula:



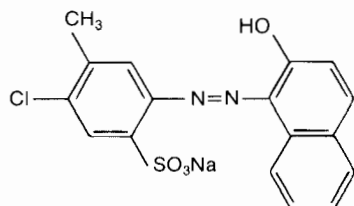
This color is the strontium salt of Pigment Red 49. The name Pigment Red 49:3 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 13.

*Information Sources:* CI 15630:3, JC

### PIGMENT RED 53

*CAS Number:* 2092-56-0

*Definition:* Pigment Red 53 is a color classed chemically as a monoazo color. It conforms to the formula:



The barium salt of this color is Pigment Red 53:1. The name Pigment Red 53 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 8.

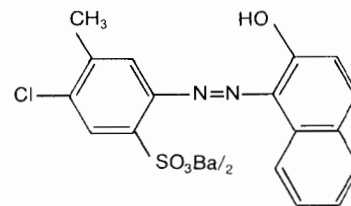
*Information Sources:* CI 15585, JC, M3

### PIGMENT RED 53:1

*CAS Number:* 5160-02-1

*Definition:* Pigment Red 53:1 is a color classed chemically as a monoazo color. It conforms to the formula:

### Pigment Red 57:1



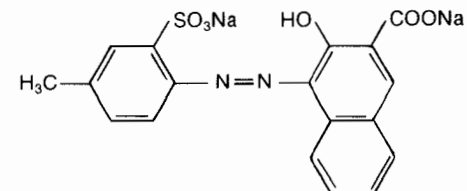
This color is the barium salt of Pigment Red 53. The name Pigment Red 53:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 9.

*Information Sources:* CI 15585:1, JC, M3

### PIGMENT RED 57

*CAS Number:* 5858-81-1

*Definition:* Pigment Red 57 is a color classed chemically as a monoazo color. It conforms to the formula:



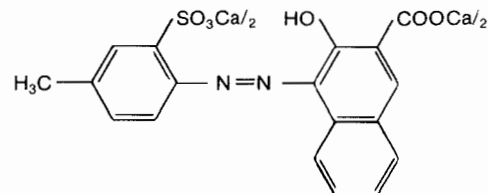
The calcium salt of this color is Pigment Red 57:1. The name Pigment Red 57 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 6.

*Information Sources:* CI 15850, EEC E180, JC

### PIGMENT RED 57:1

*CAS Number:* 5281-04-9

*Definition:* Pigment Red 57:1 is a color classed chemically as a monoazo color. It conforms to the formula:



This color is the calcium salt of Pigment Red 57. The name Pigment Red 57:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 7.

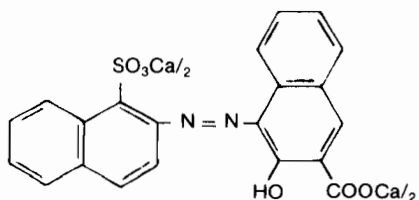
*Information Sources:* CI 15850:1, EEC E180, JC

## Pigment Red 63:1

### PIGMENT RED 63:1

CAS Number: 6417-83-0

**Definition:** Pigment Red 63:1 is a color classed chemically as a monoazo color. It conforms to the formula:



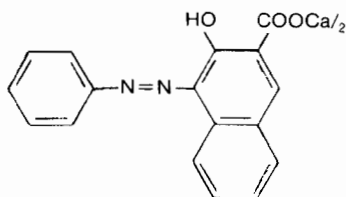
The name Pigment Red 63:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 34.

**Information Sources:** CI 15880:1, JC, M3

### PIGMENT RED 64:1

CAS Number: 6371-76-2

**Definition:** Pigment Red 64:1 is a color classed chemically as a monoazo color. It conforms to the formula:



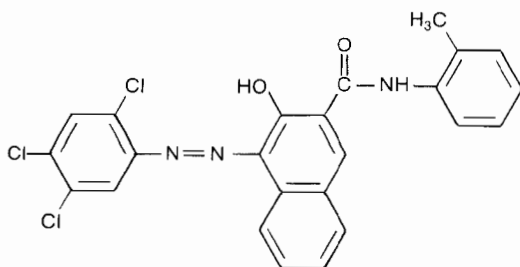
The name Pigment Red 64:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 31.

**Information Sources:** CI 15800:1, JC

### PIGMENT RED 112

CAS Number: 6535-46-2

**Definition:** Pigment Red 112 is the monoazo color that conforms to the formula:



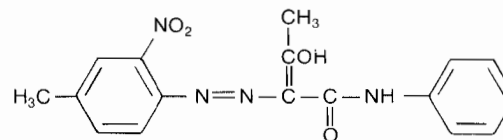
**Information Sources:** CI 12370

## Pine Tar

### PIGMENT YELLOW 1

CAS Number: 2512-29-0

**Definition:** Pigment Yellow 1 is the monoazo color that conforms to the formula:



**Information Sources:** CI 11680

**Other Names:**

Hansa Yellow

### PIGSKIN EXTRACT

RD Number: 977068-11-3

**Definition:** Pigskin Extract is an oil soluble extract of the skin of young pigs.

### PINEAPPLE JUICE

RD Number: 977023-83-8

**Definition:** Pineapple Juice is the liquid obtained from the fruit of the pineapple, *Arranus comosus*.

### PINE NEEDLE EXTRACT

RD Number: 977068-76-0

**Definition:** Pine Needle Extract is an extract of the needles of various species of *Pinus*.

**Information Sources:** 21CFR121.1163

### PINE OIL

CAS Number: MX8006-88-0

**Definition:** Pine Oil is the volatile oil obtained from distillation of the species *Pinus*.

**Information Sources:** ARG, AUS, BEL, BPC, BRA, CZE, DA, DDR, EGY, FI, FIN, HUN, ITA, KOR, MAR, MEX, MI, NF XII, PF, PN, POL, POR, ROM, YUG, 21CFR121.1163, 21CFR121.2520, 21CFR121.2535, 21CFR121.2557, 21CFR121.2571

**Other Names:**

Herco Pine Oil (*Hercules*)

### PINE TAR

CAS Number: MX8011-48-1

**Definition:** Pine Tar is the product obtained by destructive distillation of the wood of various species of pine, *Pinaceae*.

## Pine Tar (Cont.)

*Information Sources:* BP, BPC, EGY, IND, MAR, MI, NF, PJ, USD, 21CFR121.2562

## PINE TAR OIL

*RD Number:* 977009-97-4

*Definition:* Pine Tar Oil is the volatile oil from steam distillation of Pine Tar (q.v.).

*Information Sources:* MI, 21CFR121.1164

*Other Names:*  
Tar Oil Rectified

## PODOPHYLLUM

*CAS Number:* MX8050-60-0

*Definition:* Podophyllum is a plant material derived from the rhizomes or roots of *Podophyllum peltatum*.

*Information Sources:* ARG, AUS, BEL, BP, BPC, DDR, EGY, HP, IND, MAR, MI, PF, PN, POR, ROM, USD, USP, USSR, WHO, YUG

*Other Names:*  
Podophyllum Resin

## PODOPHYLLUM EXTRACT

*RD Number:* 977023-88-3

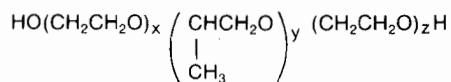
*Definition:* Podophyllum Extract is an extract of the rhizomes and roots of *Podophyllum peltatum*.

*Information Sources:* HP, USP

## POLOXAMER 101

*RD Number:* 977057-62-7

*Definition:* Poloxamer 101 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average value of x, y and z are respectively 2, 16 and 2.

*Information Sources:* USAN

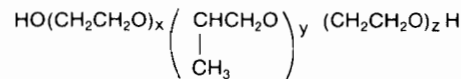
*Other Names:*  
Pluronic L-31 (BASF-Wyandotte)

## POLOXAMER 105

*RD Number:* 977057-63-8

*Definition:* Poloxamer 105 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:

## Poloxamer 123



in which the average values of x, y and z are respectively 11, 16 and 11.

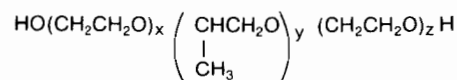
*Information Sources:* USAN

*Other Names:*  
Pluronic L-35 (BASF-Wyandotte)

## POLOXAMER 108

*RD Number:* 977066-68-4

*Definition:* Poloxamer 108 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 46, 16 and 46.

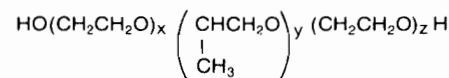
*Information Sources:* USAN

*Other Names:*  
Pluronic F-38 (BASF-Wyandotte)

## POLOXAMER 122

*RD Number:* 977057-65-0

*Definition:* Poloxamer 122 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 5, 21 and 5.

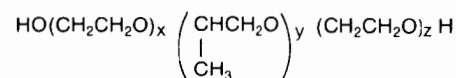
*Information Sources:* USAN

*Other Names:*  
Pluronic L-42 (BASF-Wyandotte)

## POLOXAMER 123

*RD Number:* 977057-66-1

*Definition:* Poloxamer 123 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 7, 21 and 7.

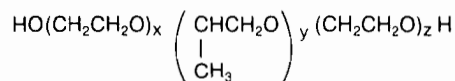
*Information Sources:* USAN

*Other Names:*  
Pluronic L-43 (BASF-Wyandotte)

**POLOXAMER 124**

RD Number: 977057-67-2

*Definition:* Poloxamer 124 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 11, 21 and 11.

*Information Sources:* USAN

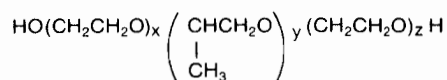
*Other Names:*

Pluronic L-44 (BASF-Wyandotte)

**POLOXAMER 181**

RD Number: 977057-68-3

*Definition:* Poloxamer 181 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 3, 30 and 3.

*Information Sources:* USAN

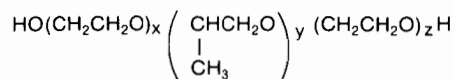
*Other Names:*

Pluronic L-61 (BASF-Wyandotte)

**POLOXAMER 182**

RD Number: 977057-69-4

*Definition:* Poloxamer 182 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 8, 30 and 8.

*Information Sources:* CTFA, USAN

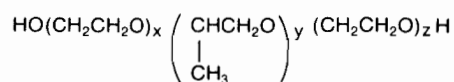
*Other Names:*

Pluronic L-62 (BASF-Wyandotte)

**POLOXAMER 183**

RD Number: 977057-70-7

*Definition:* Poloxamer 183 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 10, 30 and 10.

*Information Sources:* CTFA, USAN

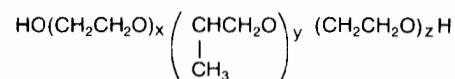
*Other Names:*

Pluronic L-63 (BASF-Wyandotte)

**POLOXAMER 184**

RD Number: 977054-47-9

*Definition:* Poloxamer 184 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 13, 30 and 13.

*Information Sources:* CTFA, USAN

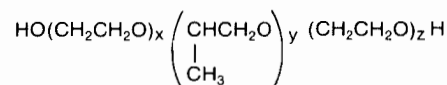
*Other Names:*

Pluronic L-64 (BASF-Wyandotte)

**POLOXAMER 185**

RD Number: 977057-71-8

*Definition:* Poloxamer 185 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 19, 30 and 19.

*Information Sources:* USAN

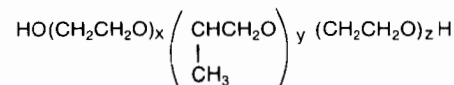
*Other Names:*

Pluronic P-65 (BASF-Wyandotte)

**POLOXAMER 188**

CAS Number: PM9003-11-6

*Definition:* Poloxamer 188 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 75, 30 and 75.

*Information Sources:* CTFA, MI, USAN, USD, 21CFR121.295

*Other Names:*

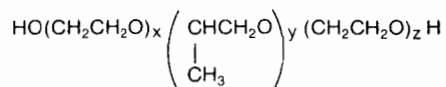
Pluronic F-68 (BASF-Wyandotte)

Poloxalkol

**POLOXAMER 212**

RD Number: 977057-72-9

*Definition:* Poloxamer 212 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 8, 35 and 8.

*Information Sources:* USAN

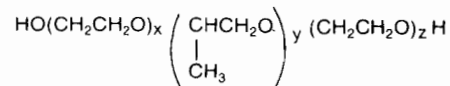
*Other Names:*

Pluronic L-72 (BASF-Wyandotte)

**POLOXAMER 215**

RD Number: 977057-73-0

*Definition:* Poloxamer 215 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 24, 35 and 24.

*Information Sources:* USAN

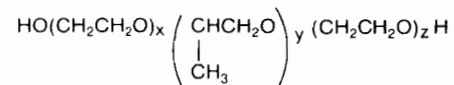
*Other Names:*

Pluronic P-75 (BASF-Wyandotte)

**POLOXAMER 217**

RD Number: 977057-74-1

*Definition:* Poloxamer 217 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 52, 35 and 52.

*Information Sources:* USAN

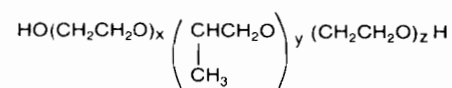
*Other Names:*

Pluronic F-77 (BASF-Wyandotte)

**POLOXAMER 231**

RD Number: 977057-75-2

*Definition:* Poloxamer 231 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 6, 39 and 6.

*Information Sources:* USAN

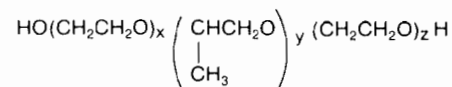
*Other Names:*

Pluronic L-81 (BASF-Wyandotte)

**POLOXAMER 234**

RD Number: 977057-76-3

*Definition:* Poloxamer 234 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 22, 39 and 22.

*Information Sources:* USAN

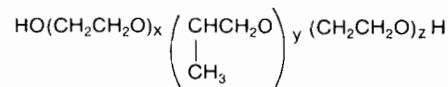
*Other Names:*

Pluronic P-84 (BASF-Wyandotte)

**POLOXAMER 235**

RD Number: 977057-77-4

*Definition:* Poloxamer 235 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 27, 39 and 27.

*Information Sources:* USAN

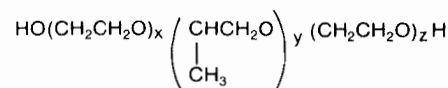
*Other Names:*

Pluronic P-85 (BASF Wyandotte)

**POLOXAMER 237**

RD Number: 977057-78-5

*Definition:* Poloxamer 237 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 62, 39 and 62.

*Information Sources:* USAN

*Other Names:*

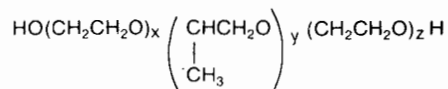
Pluronic F-87 (BASF-Wyandotte)



**POLOXAMER 238**

RD Number: 977057-79-6

*Definition:* Poloxamer 238 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 97, 39 and 97.

*Information Sources:* USAN

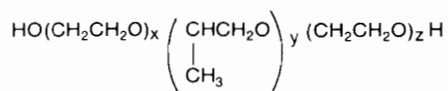
*Other Names:*

Pluronic F-88 (BASF-Wyandotte)

**POLOXAMER 282**

RD Number: 977057-80-9

*Definition:* Poloxamer 282 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 10, 47 and 10.

*Information Sources:* USAN

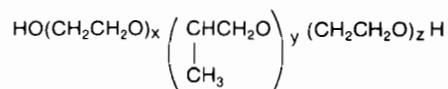
*Other Names:*

Pluronic L-92 (BASF-Wyandotte)

**POLOXAMER 284**

RD Number: 977057-81-0

*Definition:* Poloxamer 284 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 21, 47 and 21.

*Information Sources:* USAN

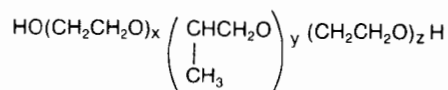
*Other Names:*

Pluronic P-94 (BASF-Wyandotte)

**POLOXAMER 288**

RD Number: 977057-82-1

*Definition:* Poloxamer 288 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 122, 47 and 122.

*Information Sources:* USAN

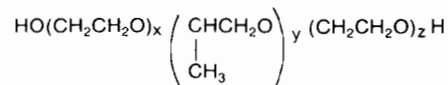
*Other Names:*

Pluronic F-98 (BASF-Wyandotte)

**POLOXAMER 331**

RD Number: 977057-83-2

*Definition:* Poloxamer 331 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average value of x, y and z are respectively 7, 54 and 7.

*Information Sources:* FCC, USAN

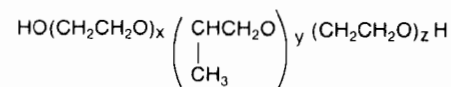
*Other Names:*

Pluronic L-101 (BASF-Wyandotte)

**POLOXAMER 333**

RD Number: 977057-84-3

*Definition:* Poloxamer 333 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 20, 54 and 20.

*Information Sources:* USAN

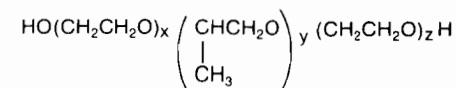
*Other Names:*

Pluronic P-103 (BASF-Wyandotte)

**POLOXAMER 334**

RD Number: 977057-85-4

*Definition:* Poloxamer 334 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 31, 54 and 31.

*Information Sources:* USAN

*Other Names:*

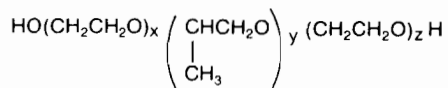
Pluronic P-104 (BASF-Wyandotte)

## Poloxamer 335

### POLOXAMER 335

RD Number: 977057-86-5

**Definition:** Poloxamer 335 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 38, 54 and 38.

**Information Sources:** USAN

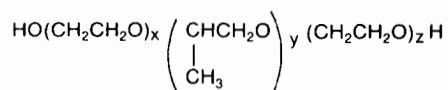
**Other Names:**

Pluronic P-105 (BASF-Wyandotte)

### POLOXAMER 338

RD Number: 977057-87-6

**Definition:** Poloxamer 338 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 128, 54 and 128.

**Information Sources:** CTFA, USAN

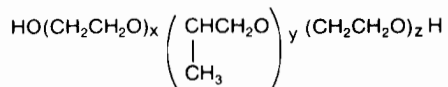
**Other Names:**

Pluronic F-108 (BASF-Wyandotte)

### POLOXAMER 401

RD Number: 977057-88-7

**Definition:** Poloxamer 401 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 6, 67 and 6.

**Information Sources:** CTFA, USAN

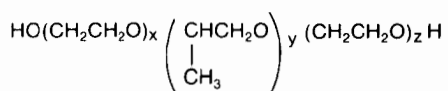
**Other Names:**

Pluronic L-121 (BASF-Wyandotte)

### POLOXAMER 402

RD Number: 977057-89-8

**Definition:** Poloxamer 402 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



## Poloxamine 304

in which the average values of x, y and z are respectively 13, 67 and 13.

**Information Sources:** USAN

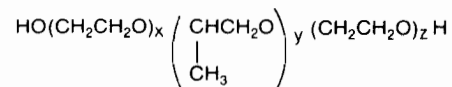
**Other Names:**

Pluronic L-122 (BASF-Wyandotte)

### POLOXAMER 403

RD Number: 977057-90-1

**Definition:** Poloxamer 403 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 21, 67 and 21.

**Information Sources:** USAN

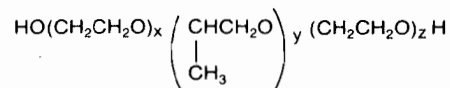
**Other Names:**

Pluronic P-123 (BASF-Wyandotte)

### POLOXAMER 407

RD Number: 977057-91-2

**Definition:** Poloxamer 407 is the polyoxyethylene, polyoxypropylene block polymer that conforms generally to the formula:



in which the average values of x, y and z are respectively 98, 67 and 98.

**Information Sources:** CTFA, FCC, USAN

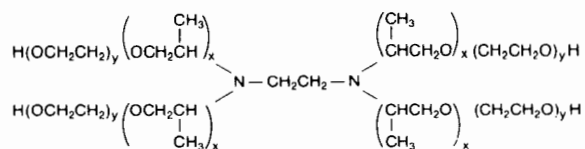
**Other Names:**

Pluronic F-127 (BASF-Wyandotte)

### POLOXAMINE 304

RD Number: 977066-59-3

**Definition:** Poloxamine 304 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:



in which the values of x and y are respectively 4 and 3.

**Other Names:**

Tetronic 304 (BASF-Wyandotte)





## Poloxamine 1304 (Cont.)

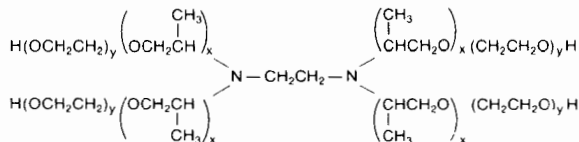
### Other Names:

Tetronic 1304 (BASF-Wyandotte)

## POLOXAMINE 1307

RD Number: 977066-54-8

**Definition:** Poloxamine 1307 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:



in which the values of x and y are respectively 23 and 74.

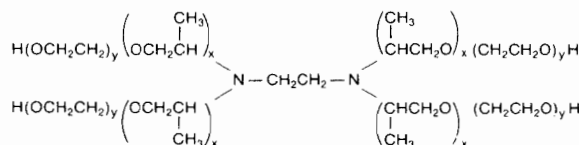
### Other Names:

Tetronic 1307 (BASF-Wyandotte)

## POLOXAMINE 1501

RD Number: 977066-55-9

**Definition:** Poloxamine 1501 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:



in which the values of x and y are respectively 30 and 4.

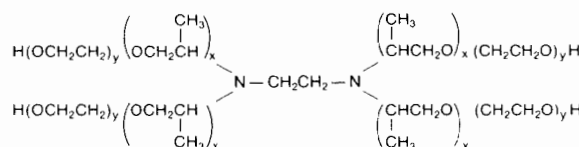
### Other Names:

Tetronic 1501 (BASF-Wyandotte)

## POLOXAMINE 1502

RD Number: 977066-56-0

**Definition:** Poloxamine 1502 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:



in which the values of x and y are respectively 30 and 10.

### Other Names:

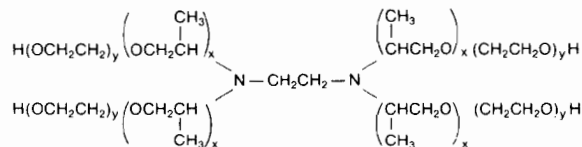
Tetronic 1502 (BASF-Wyandotte)

## POLOXAMINE 1504

RD Number: 977066-57-1

**Definition:** Poloxamine 1504 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:

## Polyacrylic Acid



in which the values of x and y are respectively 32 and 28.

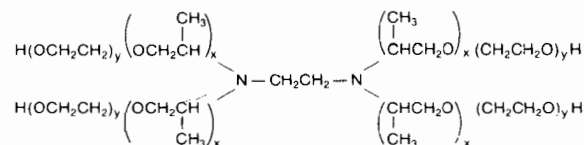
### Other Names:

Tetronic 1504 (BASF-Wyandotte)

## POLOXAMINE 1508

RD Number: 977066-58-2

**Definition:** Poloxamine 1508 is the polyoxyethylene, polyoxypropylene block polymer of ethylene diamine that conforms to the formula:



in which the values of x and y are respectively 22 and 122.

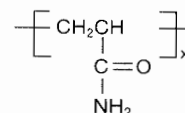
### Other Names:

Tetronic 1508 (BASF-Wyandotte)

## POLYACRYLAMIDE

CAS Number: PM9003-05-8

**Definition:** Polyacrylamide is the polymer of acrylamide monomers that conforms generally to the formula:



**Information Sources:** 21CFR121.1119, 21CFR121.2571

### Other Names:

Cyanamer P-250 (American Cyanamid)

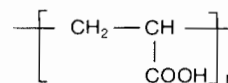
Gelamide-250 (American Cyanamid)

Reten 420 (Hercules)

## POLYACRYLIC ACID

RD Number: 977057-92-3

**Definition:** Polyacrylic Acid is the polymer of acrylic acid that conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2571

## Polyacrylic Acid (Cont.)

### Other Names:

Acrysol A-1 (Rohm & Haas)  
Acrysol ASE-75 (Rohm & Haas)

## POLYAMINO SUGAR CONDENSATE

RD Number: 977067-18-7

**Definition:** Polyamino Sugar Condensate is a condensation product of the sugars; ribose, fructose and glucose with a mixture of the following amino acids: glycine, alanine, threonine, valine, tyrosine, leucine, proline, serine, aspartic acid, glutamic acid, lysine HCl, arginine HCl, histidine HCl and pyroglutamic acid.

### Other Names:

Aqualizer EJ (Kolmar)

## POLYBUTENE

CAS Number: PM9003-28-5

**Definition:** Polybutene is the polymer formed by the polymerization of a mixture of iso- and normal butenes.

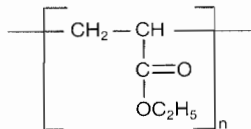
### Other Names:

Indopol H-100 (Amoco)

## POLYETHYLACRYLATE

CAS Number: PM9003-32-1

**Definition:** Polyethylacrylate is the polymer of ethyl acrylate that conforms generally to the formula:



Information Sources: 21CFR121.2571

### Other Names:

Daitosol 5000 A-S (Daito Kasei Kogyo)

## POLYETHYLENE

CAS Number: PM9002-88-4

**Definition:** Polyethylene is a polymer of ethylene monomers that conforms generally to the formula:



Information Sources: FCC, MI, 21CFR121.239, 21CFR121.2507, 21CFR121.2514, 21CFR121.2519, 21CFR121.2557, 21CFR121.2562, 21CFR121.2571

### Other Names:

A-C Polyethylene Grade 6 (Allied)  
A-C Polyethylene Grade 6A (Allied)  
A-C Polyethylene Grade 9 (Allied)  
A-C Polyethylene Grade 9A (Allied)

## Polyglyceryl-3 Diisostearate

A-C Polyethylene Grade 617 (Allied)  
A-C Polyethylene Grade 617A (Allied)  
Epolene (Eastman)  
Microthene ML-733 (US Industrial Chemicals)  
Microthene MN-714 (US Industrial Chemicals)  
Microthene MN-722 (US Industrial Chemicals)

## POLYGLYCERYL-4 COCOATE

RD Number: 977062-40-0

**Definition:** Polyglyceryl-4 Cocoate is an ester of Coconut Acid (q.v.) and a glycerin polymer containing an average of 4 glycerin units.

Information Sources: CTFA

### Other Names:

Emulsynt VL (Van Dyk)  
Emulsynt VS (Van Dyk)  
Tetraglyceryl Monococoate

## POLYGLYCERYL-10 DECALINOLEATE

RD Number: 977057-93-4

**Definition:** Polyglyceryl-10 Decalinoleate is a decaester of linoleic acid and a glycerin polymer containing an average of 10 glycerin units.

### Other Names:

Decaglyceryl Decalinoleate  
Drewpol 10-10-LN (PVO)

## POLYGLYCERYL-10 DECAOLEATE

RD Number: 977057-94-5

**Definition:** Polyglyceryl-10 Decaoleate is a decaester of oleic acid and a glycerin polymer containing an average of 10 glycerin units.

Information Sources: CTFA, 21CFR121.1120

### Other Names:

Decaglyceryl Decaoleate  
Drewpol 10-10-0 (PVO)

## POLYGLYCERYL-10 DECASTEARATE

RD Number: 977067-09-6

**Definition:** Polyglyceryl-10 Decastearate is a decaester of stearic acid and a glycerin polymer containing an average of 10 glycerin units.

Information Sources: 21CFR121.1120

### Other Names:

Decaglyceryl Decastearate  
Drewpol 10-10-S (PVO)

## POLYGLYCERYL-3 DIISOSTEARATE

RD Number: 977067-10-9

**Definition:** Polyglyceryl-3 Diisostearate is a diester of Isostearic Acid (q.v.) and a glycerin polymer containing an average of 3 glycerin units.

## **Polyglyceryl-3 Diisostearate (Cont.)**

### *Other Names:*

Emerest 2452 (*Malmstrom*)  
Triglyceryl Diisostearate

## **POLYGLYCERYL-6 DIOLEATE**

*RD Number:* 977067-14-3

*Definition:* Polyglyceryl-6 Dioleate is a diester of oleic acid and a glycerin polymer containing an average of 6 glycerin units.

*Information Sources:* 21CFR121.1120

### *Other Names:*

Caprol 6G2O (*Capital City*)  
Hexaglyceryl Dioleate

## **POLYGLYCERYL-6 DISTEARATE**

*RD Number:* 977067-15-4

*Definition:* Polyglyceryl-6 Distearate is a diester of stearic acid and a glycerin polymer containing an average of 6 glycerin units.

*Information Sources:* 21CFR121.1120

### *Other Names:*

Caprol 6G2S (*Capital City*)  
Hexaglyceryl Distearate

## **POLYGLYCERYL-4 ISOSTEARATE**

*RD Number:* 977068-33-9

*Definition:* Polyglyceryl-4 Isostearate is an ester of Isostearic Acid (q.v.) and a glycerin polymer containing an average of 4 glycerin units.

### *Other Names:*

Tetraglyceryl Monoisostearate  
Witconol 18L (*Witco*)

## **POLYGLYCERYL-4 LAURYL ETHER**

*RD Number:* 977067-13-2

*Definition:* Polyglyceryl-4 Lauryl Ether is an ether of lauryl alcohol and a glycerin polymer containing an average of 4 glycerin units.

### *Other Names:*

Tetraglyceryl Monolauryl Ether

## **POLYGLYCERYL-3 OLEATE**

*RD Number:* 977067-11-0

*Definition:* Polyglyceryl-3 Oleate is an ester of oleic acid and a glycerin polymer containing an average of 3 glycerin units.

*Information Sources:* 21CFR121.1120

### *Other Names:*

Caprol 3GO (*Capital City*)  
Triglyceryl Monooleate

## **Polyglyceryl-3 Stearate**

## **POLYGLYCERYL-4 OLEATE**

*RD Number:* 977057-95-6

*Definition:* Polyglyceryl-4 Oleate is an ester of oleic acid and a glycerin polymer containing an average of 4 glycerin units.

*Information Sources:* 21CFR121.1120

### *Other Names:*

Protachem 100 (*Protameen*)  
Tetraglyceryl Monooleate  
Witconol 14 (*Witco*)

## **POLYGLYCERYL-2 OLEYL ETHER**

*RD Number:* 977064-52-0

*Definition:* Polyglyceryl-2 Oleyl Ether is the ether of oleyl alcohol and a dimer of glycerin.

### *Other Names:*

Diglyceryl Monooleyl Ether

## **POLYGLYCERYL-4 OLEYL ETHER**

*RD Number:* 977064-53-1

*Definition:* Polyglyceryl-4 Oleyl Ether is an ether of oleyl alcohol and a glycerin polymer containing an average of 4 glycerin units.

### *Other Names:*

Tetraglyceryl Monooleyl Ether

## **POLYGLYCERYL-2 SESQUIOLEATE**

*RD Number:* 977067-16-5

*Definition:* Polyglyceryl-2 Sesquioleate is a mixture of mono- and diesters of oleic acid and a dimer of glycerin.

*Information Sources:* 21CFR121.1120

### *Other Names:*

Diglyceryl Sesquioleate  
Hostacerin DGO (*American Hoechst*)

## **POLYGLYCERYL SORBITOL**

*RD Number:* 977067-08-5

*Definition:* Polyglyceryl Sorbitol is a product derived by a thermal reaction of glycerin and sorbitol.

### *Other Names:*

EmCon G (*Fanning*)

## **POLYGLYCERYL-3 STEARATE**

*RD Number:* 977067-12-1

*Definition:* Polyglyceryl-3 Stearate is an ester of stearic acid and a glycerin polymer containing an average of 3 glycerin units.

*Information Sources:* 21CFR121.1120

## Polyglyceryl-3 Stearate (Cont.)

### Other Names:

Caprol 3GS (Capital City)  
Triglyceryl Monostearate

## POLYGLYCERYL-10 TETRAOLEATE

RD Number: 977060-00-6

**Definition:** Polyglyceryl-10 Tetraoleate is a tetraester of oleic acid and a glycerin polymer containing an average of 10 glycerin units.

**Information Sources:** CTFA, 21CFR121.1120

### Other Names:

Caprol 10G40 (Capital City)  
Decaglycerol Tetraoleate  
Drewpol 10-4-O (PVO)

## POLYGLYCERYL-2 TETRASTEARATE

RD Number: 977067-17-6

**Definition:** Polyglyceryl-2 Tetrastearate is the tetraester of stearic acid and a dimer of glycerin.

**Information Sources:** 21CFR121.1120

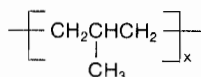
### Other Names:

Diglyceryl Tetrastearate

## POLYISOBUTENE

CAS Number: PM9003-27-4

**Definition:** Polyisobutene is the homopolymer of isobutylene that conforms generally to the formula:



**Information Sources:** FCC, 21CFR121.2507, 21CFR121.2511, 21CFR121.2514, 21CFR121.2590, 21CFR121.2531, 21CFR121.2550, 21CFR121.2553, 21CFR121.2571, 21CFR121.2577

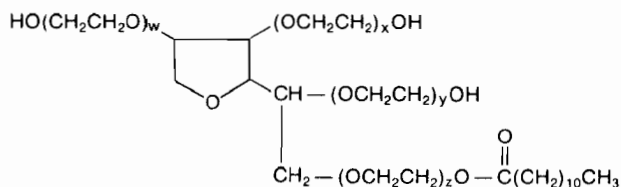
### Other Names:

Polyisobutylene

## POLYSORBATE 20

CAS Number: PM9005-64-5

**Definition:** Polysorbate 20 is a mixture of laurate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



## Polysorbate 40

where w + x + y + z has an average value of 20.

**Information Sources:** CTFA, BPC, FCC, ITA, MAR, USAN, 21CFR121.1164, 21CFR121.2520, 21CFR121.2541

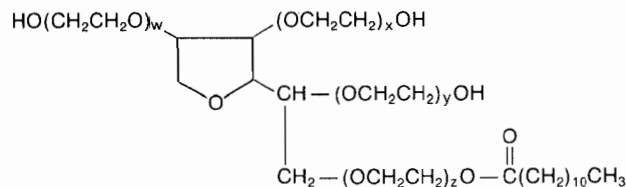
### Other Names:

Armotan PML-20 (Armak)  
Drewmulse POE-SML (PVO)  
Emsorb 6915 (Malmstrom)  
Glycosperse L-20 (Glyco)  
Glycosperse L-20X (Glyco)  
Hodag PSML-20 (Hodag)  
Liposorb L-20 (Lipo)  
Polyoxyethylene (20) Sorbitan Monolaurate  
Protasorb L-20 (Protameen)  
Sorbimacrogol Laurate 300  
Tween 20 (ICI United States)

## POLYSORBATE 21

RD Number: 977053-95-4

**Definition:** Polysorbate 21 is a mixture of laurate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 4 moles of ethylene oxide. It conforms generally to the formula:



where w + x + y + z has an average value of 4.

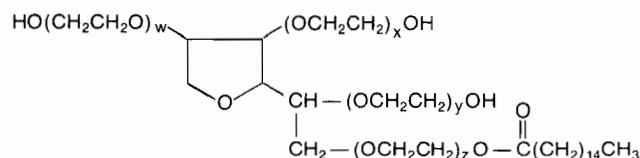
### Other Names:

Polyoxyethylene (4) Sorbitan Monolaurate  
Protasorb L-5 (Protameen)  
Tween 21 (ICI United States)

## POLYSORBATE 40

CAS Number: PM9005-66-7

**Definition:** Polysorbate 40 is a mixture of palmitate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



where w + x + y + z has an average value of 20.

**Information Sources:** CTFA, MAR, USAN, 21CFR121.2520, 21CFR121.2541

### Other Names:

Emsorb 6910 (Malmstrom)  
Glycosperse P-20 (Glyco)



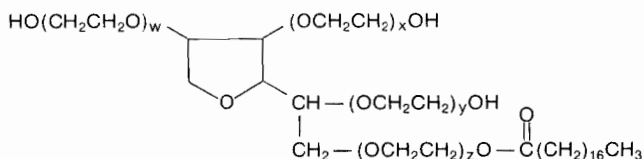
## Polysorbate 40 (Cont.)

Hodag PSMP-20 (*Hodag*)  
Liposorb P-20 (*Lipo*)  
Polyoxyethylene (20) Sorbitan Monopalmitate  
Protasorb P-20 (*Protameen*)  
Sorbimacrogol Palmitate 300  
Tween 40 (*ICI United States*)

## POLYSORBATE 60

CAS Number: PM9005-67-8

**Definition:** Polysorbate 60 is a mixture of stearate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 20.

**Information Sources:** CTFA, BPC, FCC, ITA, MAR, USAN, 21CFR121.236, 21CFR121.1030, 21CFR121.1099, 21CFR121.1164, 21CFR121.2520, 21CFR121.2541

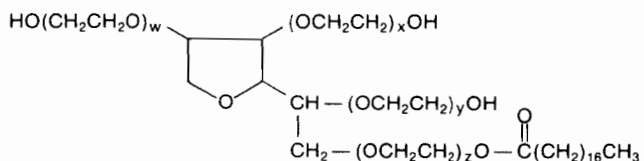
### Other Names:

Armotan PMS-20 (*Armak*)  
Capmul POE-S (*Capital City*)  
Drewmulse POE-SMS (*PVO*)  
Emsorb 6905 (*Malmstrom*)  
Glycosperse S-20 (*Glyco*)  
Liposorb S-20 (*Lipo*)  
Polyoxyethylene (20) Sorbitan Monostearate  
Protasorb S-20 (*Protameen*)  
Sorbimacrogol Stearate 300  
Tween 60 (*ICI United States*)

## POLYSORBATE 61

RD Number: 977053-94-3

**Definition:** Polysorbate 61 is a mixture of stearate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 4 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 4.

**Information Sources:** CTFA

### Other Names:

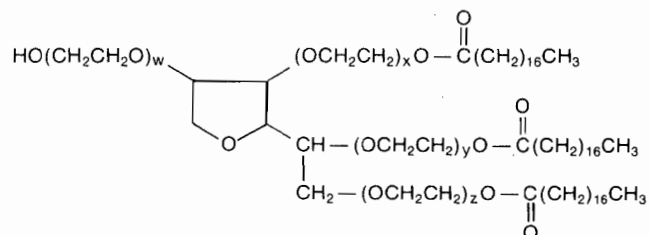
Emsorb 6906 (*Malmstrom*)  
Liposorb S-4 (*Lipo*)  
Polyoxyethylene (4) Sorbitan Monostearate  
Tween 61 (*ICI United States*)

## Polysorbate 80

## POLYSORBATE 65

CAS Number: PM9005-71-4

**Definition:** Polysorbate 65 is a mixture of stearate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the triester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 20.

**Information Sources:** CTFA, FCC, MAR, USAN, 21CFR121.1008, 21CFR121.1099, 21CFR121.2541

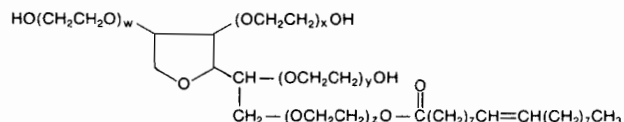
### Other Names:

Drewmulse POE-STS (*PVO*)  
Emsorb 6907 (*Malmstrom*)  
Glycosperse TS-20 (*Glyco*)  
Liposorb TS-20 (*Lipo*)  
Polyoxyethylene (20) Sorbitan Tristearate  
Sorbimacrogol Tristearate 300  
Tween 65 (*ICI United States*)

## POLYSORBATE 80

CAS Number: PM9005-65-6

**Definition:** Polysorbate 80 is a mixture of oleate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 20.

**Information Sources:** AUS, BPC, BRA, CZE, DA, FCC, ITA, MAR, MI, NFJ, PJ, PN, ROM, USAN, USD, USP, 21CFR121.235, 21CFR121.1009, 21CFR121.1099, 21CFR121.1164, 21CFR121.2520, 21CFR121.2541

### Other Names:

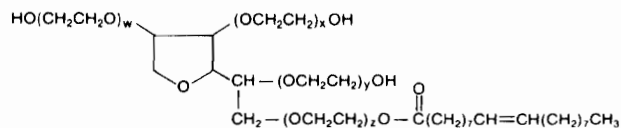
Armotan PMO-20 (*Armak*)  
Capmul POE-O (*Capital City*)  
Drewmulse POE-SMO (*PVO*)  
Emsorb 6900 (*Malmstrom*)  
Glycosperse O-20 (*Glyco*)  
Glycosperse O-20 Veg (*Glyco*)  
Glycosperse O-20X (*Glyco*)  
Liposorb O-20 (*Lipo*)  
Polyoxyethylene (20) Sorbitan Monooleate  
Protasorb O-20 (*Protameen*)  
Sorbimacrogol Oleate 300  
Tween 80 (*ICI United States*)

## Polysorbate 81

### POLYSORBATE 81

RD Number: 977053-93-2

**Definition:** Polysorbate 81 is a mixture of oleate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 5 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 5.

**Information Sources:** CTFA

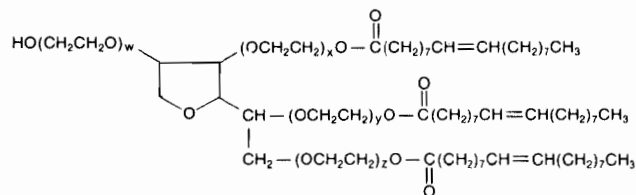
**Other Names:**

Emsorb 6901 (*Malmstrom*)  
Glycosperse O-5 (*Glyco*)  
Liposorb O-5 (*Lipo*)  
Polyoxyethylene (5) Sorbitan Monooleate  
Protasorb O-5 (*Protameen*)  
Tween 81 (*ICI United States*)

### POLYSORBATE 85

CAS Number: PM9005-70-3

**Definition:** Polysorbate 85 is a mixture of oleate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the triester, condensed with approximately 20 moles of ethylene oxide. It conforms generally to the formula:



where  $w + x + y + z$  has an average value of 20.

**Information Sources:** CTFA, MAR, USAN, 21CFR121.2541

**Other Names:**

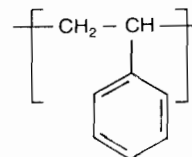
Emsorb 6903 (*Malmstrom*)  
Glycosperse TO-20 (*Glyco*)  
Liposorb TO-20 (*Lipo*)  
Polyoxyethylene (20) Sorbitan Trioleate  
Protasorb TO-20 (*Protameen*)  
Sorbimacrogol Trioleate 300  
Tween 85 (*ICI United States*)

### POLYSTYRENE

CAS Number: PM9003-53-6

**Definition:** Polystyrene is the polymer that conforms to the formula:

## Polyvinyl Butyral

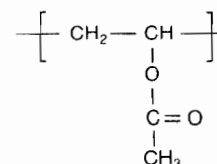


**Information Sources:** MI, 21CFR121.2507, 21CFR121.2510, 21CFR121.2514, 21CFR121.2562, 21CFR121.2571, 21CFR121.2577

### POLYVINYL ACETATE

CAS Number: PM9003-20-7

**Definition:** Polyvinyl Acetate is the homopolymer of Vinyl Acetate (q.v.) that conforms generally to the formula:



**Information Sources:** FCC, 21CFR121.2005, 21CFR121.2507, 21CFR121.2514, 21CFR121.2526, 21CFR121.2535, 21CFR121.2571

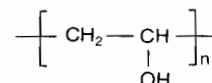
**Other Names:**

UCAR Latex Resin WC-130 (*Union Carbide*)  
Vinol 540 (*Air Products*)

### POLYVINYL ALCOHOL

CAS Number: PM9002-89-5

**Definition:** Polyvinyl Alcohol is the polymer conforming generally to the formula:



It is generally produced by the controlled hydrolysis of Polyvinyl Acetate (q.v.) and normally contains unhydrolyzed acetate groups.

**Information Sources:** CTFA, DDR, MAR, MI, NFXIII, USP, 21CFR121.2507, 21CFR121.2514, 21CFR121.2526, 21CFR121.2531, 21CFR121.2535, 21CFR121.2571, 21CFR121.2598

**Other Names:**

Covol (*CPC International*)  
Elvanol (*DuPont*)  
Gelvatal (*Monsanto*)

### POLYVINYL BUTYRAL

CAS Number: PM9003-62-7

**Definition:** Polyvinyl Butyral is a polymer produced by the condensation of Polyvinyl Alcohol (q.v.) and butyraldehyde.

**Information Sources:** 21CFR121.2520, 21CFR121.2526, 21CFR121.3514

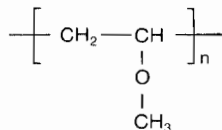
## Polyvinyl Butyral (Cont.)

*Other Names:*  
Butvar (*Monsanto*)

## POLYVINYL METHYL ETHER

*CAS Number:* PM9003-09-2

*Definition:* Polyvinyl Methyl Ether is the polymer of vinyl methyl ether that conforms generally to the formula:



*Information Sources:* 21CFR121.2522

*Other Names:*  
Gantrez M-154 (*GAF*)

## POTASSIUM ALGINATE

*CAS Number:* PM9005-36-1

*Definition:* Potassium Alginate is the potassium salt of Alginic Acid (q.v.).

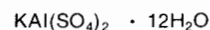
*Information Sources:* FCC, 21CFR121.101

*Other Names:*  
Kelmar (*Kelco*)  
Kelmar Improved (*Kelco*)

## POTASSIUM ALUM

*CAS Number:* 7787-24-9

*Definition:* Potassium Alum is the inorganic salt that conforms to the formula:



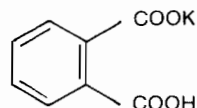
*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NF, PF, PN, POR, ROM, USD, USSR, YUG, 21CFR121.2534

*Other Names:*  
Alum Potassium  
Aluminum Potassium Sulfate  
Potassium Aluminum Sulfate

## POTASSIUM BIPHTHALATE

*CAS Number:* 877-24-7

*Definition:* Potassium Biphthalate is the salt that conforms to the formula:



*Information Sources:* MI

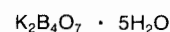
## Potassium Caseinate

*Other Names:*  
Potassium Acid Phthalate

## POTASSIUM BORATE

*CAS Number:* 10101-15-2

*Definition:* Potassium Borate is the inorganic salt that conforms to the formula:



*Information Sources:* MI

*Other Names:*  
Potassium Tetraborate

## POTASSIUM BROMATE

*CAS Number:* 7758-01-2

*Definition:* Potassium Bromate is the inorganic salt that conforms to the formula:



*Information Sources:* FCC, MAR, MI, 21CFR121.1194

## POTASSIUM CARBONATE

*CAS Number:* 584-08-7

*Definition:* Potassium Carbonate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BRA, DDR, EGY, FCC, FIN, HP, HUN, KOR, MAR, MEX, MI, PF, PJ, PN, POR, ROM, YUG, 21CFR121.101, 21CFR121.1008

## POTASSIUM CARRAGEENAN

*RD Number:* 977050-19-3

*Definition:* Potassium Carrageenan is the potassium salt of Carrageenan (q.v.).

*Information Sources:* 21CFR121.1067

## POTASSIUM CASEINATE

*RD Number:* 977057-96-7

*Definition:* Potassium Caseinate is the potassium salt of milk proteins (casein).

*Information Sources:* CTFA

## Potassium Chlorate

### POTASSIUM CHLORATE

CAS Number: 3811-04-9

*Definition:* Potassium Chlorate is the inorganic salt that conforms to the formula:



*Information Sources:* BPC, BRA, EGY, HP, ITA, MAR, MI, PF, POR

### POTASSIUM CHLORIDE

CAS Number: 7447-40-7

*Definition:* Potassium Chloride is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NED, PJ, PN, POR, ROM, USD, USP, WHO, 21CFR121.101

### POTASSIUM COCOATE

RD Number: 977060-74-4

*Definition:* Potassium Cocoate is the potassium salt of Coconut Acid (q.v.).

*Information Sources:* 21CFR121.2531, 21CFR121.2535

*Other Names:*  
Protachem LP-40 (*Protameen*)

### POTASSIUM COCO-HYDROLYZED ANIMAL PROTEIN

RD Number: 977064-48-4

*Definition:* Potassium Coco-Hydrolyzed Animal Protein is the potassium salt of the condensation product of Coconut Acid (q.v.) and Hydrolyzed Animal Protein (q.v.).

*Information Sources:* CTFA

*Other Names:*  
Lamepon S (*Gruenau*)  
Lamepon S-2 (*Gruenau*)  
Maypon 4C (*Stepan*)

### POTASSIUM CORNATE

RD Number: 977067-28-9

*Definition:* Potassium Cornate is the potassium salt of Corn Acid (q.v.).

*Information Sources:* 21CFR121.2531

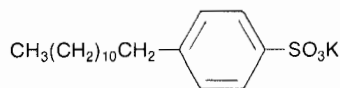
*Other Names:*  
Potassium Corn Acid Soap

## Potassium Lauryl Sulfate

### POTASSIUM DODECYLBENZENESULFONATE

CAS Number: 27177-77-1

*Definition:* Potassium Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



### POTASSIUM GLYCOL SULFATE

RD Number: 977057-97-8

*Definition:* Potassium Glycol Sulfate is the salt that conforms to the formula:



### POTASSIUM HYDROXIDE

CAS Number: 1310-58-3

*Definition:* Potassium Hydroxide is the inorganic base that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, DDR, EGY, FCC, FIN, HP, HUN, IND, MAR, MEX, MI, PF, PJ, PN, POR, USD, USP, WHO, YUG, 21CFR121.101

*Other Names:*  
Caustic Potash

### POTASSIUM IODIDE

CAS Number: 7681-11-0

*Definition:* Potassium Iodide is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.101, 21CFR121.1073

### POTASSIUM LAURYL SULFATE

CAS Number: 4706-78-9

*Definition:* Potassium Lauryl Sulfate is the potassium salt of lauryl sulfate that conforms to the formula:



*Information Sources:* 21CFR121.2507, 21CFR121.2526

*Other Names:*  
Conco Sulfate P (Continental Chemical)

**POTASSIUM METABISULFITE**

*CAS Number:* 4429-42-9

*Definition:* Potassium Metabisulfite is the inorganic salt that conforms to the formula:



*Information Sources:* MAR, MI, 21CFR121.101

*Other Names:*  
Potassium Pyrosulfite

**POTASSIUM OCTOXYNOL-12 PHOSPHATE**

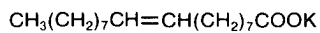
*RD Number:* 977069-59-2

*Definition:* Potassium Octoxynol-12 Phosphate is the potassium salt of a complex mixture of esters of phosphoric acid and Octoxynol-12.

**POTASSIUM OLEATE**

*CAS Number:* 143-18-0

*Definition:* Potassium Oleate is the potassium salt of oleic acid. It conforms generally to the formula:



*Information Sources:* MI, 21CFR121.1071, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

**POTASSIUM PERSULFATE**

*CAS Number:* 7727-21-1

*Definition:* Potassium Persulfate is the inorganic salt that conforms to the formula:



*Information Sources:* MI, 21CFR121.2520, 21CFR121.2526

**POTASSIUM PHOSPHATE**

*CAS Number:* 7778-77-0

*Definition:* Potassium Phosphate is the inorganic salt that conforms generally to the formula:



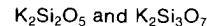
*Information Sources:* FCC, MAR, MI, NF, 21CFR121.2520

*Other Names:*  
Potassium Phosphate, Monobasic

**POTASSIUM SILICATE**

*CAS Number:* 1312-76-1

*Definition:* Potassium Silicate is a mixture of silicates of potassium ranging between

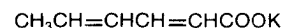


*Information Sources:* MI

**POTASSIUM SORBATE**

*CAS Number:* 590-00-1

*Definition:* Potassium Sorbate is the organic salt that conforms generally to the formula:



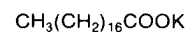
*Information Sources:* CTFA, BPC, FCC, ITA, MAR, MI, NF, 21CFR121.101

*Other Names:*  
Sorbistat K (Pfizer)

**POTASSIUM STEARATE**

*CAS Number:* 593-29-3

*Definition:* Potassium Stearate is the potassium salt of stearic acid. It conforms generally to the formula:



*Information Sources:* MI, 21CFR121.1071, 21CFR121.1099, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531

**POTASSIUM SULFATE**

*CAS Number:* 7778-80-5

*Definition:* Potassium Sulfate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, DDR, EGY, FCC, FIN, HP, HUN, MAR, MI, PF, PN, POR, YUG, 21CFR121.101

**POTASSIUM SULFITE**

*CAS Number:* 10117-38-1

*Definition:* Potassium Sulfite is the inorganic salt that conforms to the formula:



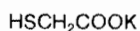
*Information Sources:* FCC, MI, POR, 21CFR121.101

## Potassium Thioglycolate

### POTASSIUM THIOGLYCOLATE

RD Number: 977057-99-0

*Definition:* Potassium Thioglycolate is the organic salt that conforms to the formula:



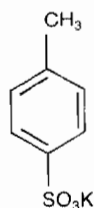
*Other Names:*

Potassium Mercaptoacetate

### POTASSIUM TOLUENE SULFONATE

CAS Number: 1331-20-0

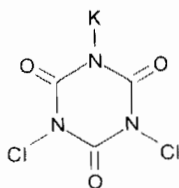
*Definition:* Potassium Toluene Sulfonate is the substituted aromatic compound that conforms generally to the formula:



### POTASSIUM TROCLOSENE

CAS Number: 2244-21-5

*Definition:* Potassium Troclosenone is the heterocyclic compound that conforms to the formula:



*Information Sources:* MI, USAN

*Other Names:*

Potassium Dichloroisocyanurate  
Troclosenone Potassium

### POTASSIUM UNDECYLENOYL HYDROLYZED ANIMAL PROTEIN

RD Number: 977064-49-5

*Definition:* Potassium Undecylenoyl Hydrolyzed Animal Protein is the potassium salt of the condensation product of undecylenic acid and Hydrolyzed Animal Protein (q.v.).

*Other Names:*

Lamepon UD (*Gruenau*)  
Maypon UD (*Stepan*)

### POTATO STARCH

RD Number: 977000-07-9

## PPG-15

*Definition:* Potato Starch is a natural material obtained from potatoes. It consists primarily of amylose and amylopectin.

*Information Sources:* AUS, BEL, BP, BPC, BRA, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, PJ, PN, POL, ROM, SNPF, USP, USSR, 21CFR121.101

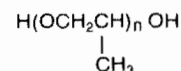
*Other Names:*

Starch, Potato

### PPG-9

RD Number: 977055-51-8

*Definition:* PPG-9 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 9.

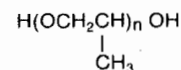
*Other Names:*

Diol 400 (*Union Carbide*)  
Emcol PPG 400 (*Witco*)  
Polyoxypropylene (9)  
Polypropylene Glycol 400

### PPG-12

RD Number: 977066-97-9

*Definition:* PPG-12 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 12.

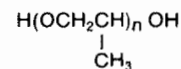
*Other Names:*

Pluracol P-710 (*BASF-Wyandotte*)  
Polyoxypropylene (12)  
Polypropylene Glycol (12)

### PPG-15

RD Number: 977066-98-0

*Definition:* PPG-15 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 15.

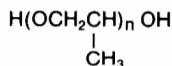
*Other Names:*

Diol 1000 (*Union Carbide*)  
Polyoxypropylene (15)  
Polypropylene Glycol (15)

**PPG-17**

RD Number: 977066-99-1

**Definition:** PPG-17 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 17.

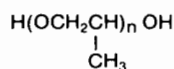
**Other Names:**

Pluracol P-1010 (*BASF-Wyandotte*)  
Polyoxypropylene (17)  
Polypropylene Glycol (17)

**PPG-20**

RD Number: 977067-00-7

**Definition:** PPG-20 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 20.

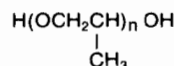
**Other Names:**

Polyglycol P-1200 (*Dow*)  
Polyoxypropylene (20)  
Polypropylene Glycol (20)

**PPG-26**

RD Number: 977055-52-9

**Definition:** PPG-26 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 26.

**Information Sources:** CTFA, 21CFR121.1099,  
21CFR121.2519

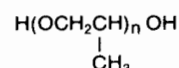
**Other Names:**

Diol 2000 (*Union Carbide*)  
Polyglycol P-2000 (*Dow*)  
Polyoxypropylene (26)  
Polypropylene Glycol 2000  
Propylene Glycol P-2000 (*Dow*)  
Thanol PPG-2000 (*Jefferson*)

**PPG-30**

RD Number: 977055-53-0

**Definition:** PPG-30 is the polymer of propylene oxide that conforms generally to the formula:



where n has an average value of 30.

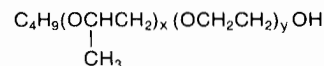
**Other Names:**

Diol 4000 (*Union Carbide*)  
Polyoxypropylene (30)  
Polypropylene Glycol 4000

**PPG-2-BUTETH-3**

RD Number: 977055-54-1

**Definition:** PPG-2-Buteth-3 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 2 and y has an average value of 3.

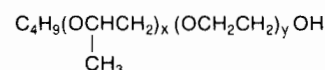
**Other Names:**

Polyoxyethylene (3) Polyoxypropylene (2)  
Monobutyl Ether  
Polyoxypropylene (2) Polyoxyethylene (3)  
Monobutyl Ether  
UCON 50-HB-55 (*Union Carbide*)

**PPG-3-BUTETH-5**

RD Number: 977066-96-8

**Definition:** PPG-3-Buteth-5 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 3 and y has an average value of 5.

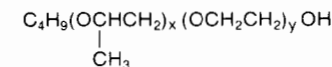
**Other Names:**

Polyoxyethylene (5) Polyoxypropylene (3)  
Monobutyl Ether  
Polyoxypropylene (3) Polyoxyethylene (5)  
Monobutyl Ether  
UCON 50-HB-100 (*Union Carbide*)

**PPG-5-BUTETH-7**

RD Number: 977066-93-5

**Definition:** PPG-5-Buteth-7 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 5 and y has an average value of 7.

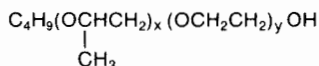
**Other Names:**

Polyoxyethylene (7) Polyoxypropylene (5)  
Monobutyl Ether  
Polyoxypropylene (5) Polyoxyethylene (7)  
Monobutyl Ether  
UCON 50-HB-170 (*Union Carbide*)

**PPG-7-BUTETH-10**

RD Number: 977055-55-2

**Definition:** PPG-7-Buteth-10 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 7 and y has an average value of 10.

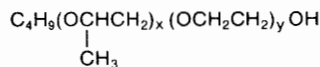
**Other Names:**

Polyoxyethylene (10) Polyoxypropylene (7)  
Monobutyl Ether  
Polyoxypropylene (7) Polyoxyethylene (10)  
Monobutyl Ether  
UCON 50-HB-260 (*Union Carbide*)

**PPG-9-BUTETH-12**

RD Number: 977066-94-6

**Definition:** PPG-9-Buteth-12 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 9 and y has an average value of 12.

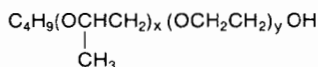
**Other Names:**

Polyoxyethylene (12) Polyoxypropylene (9)  
Monobutyl Ether  
Polyoxypropylene (9) Polyoxyethylene (12)  
Monobutyl Ether  
UCON 50-HB-400 (*Union Carbide*)

**PPG-12-BUTETH-16**

RD Number: 977055-56-3

**Definition:** PPG-12-Buteth-16 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 12 and y has an average value of 16.

**Information Sources:** CTFA

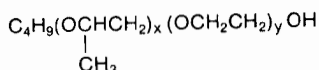
**Other Names:**

Polyoxyethylene (16) Polyoxypropylene (12)  
Monobutyl Ether  
Polyoxypropylene (12) Polyoxyethylene (16)  
Monobutyl Ether  
UCON 50-HB-660 (*Union Carbide*)

**PPG-15-BUTETH-20**

RD Number: 977055-57-4

**Definition:** PPG-15-Buteth-20 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 15 and y has an average value of 20.

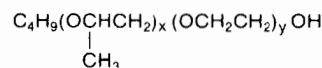
**Other Names:**

Polyoxyethylene (20) Polyoxypropylene (15)  
Monobutyl Ether  
Polyoxypropylene (15) Polyoxyethylene (20)  
Monobutyl Ether  
UCON 50-HB-1000 (*Union Carbide*)

**PPG-20-BUTETH-30**

RD Number: 977055-58-5

**Definition:** PPG-20-Buteth-30 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 20 and y has an average value of 30.

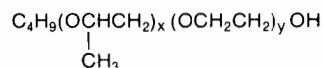
**Other Names:**

Polyoxyethylene (30) Polyoxypropylene (20)  
Monobutyl Ether  
Polyoxypropylene (20) Polyoxyethylene (30)  
Monobutyl Ether  
UCON 50-HB-2000 (*Union Carbide*)

**PPG-24-BUTETH-27**

RD Number: 977066-95-7

**Definition:** PPG-24-Buteth-27 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 24 and y has an average value of 27.

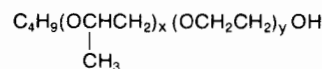
**Other Names:**

Polyoxyethylene (27) Polyoxypropylene (24)  
Monobutyl Ether  
Polyoxypropylene (24) Polyoxyethylene (27)  
Monobutyl Ether  
Tergitol XD (*Union Carbide*)

**PPG-28-BUTETH-35**

RD Number: 977055-59-6

**Definition:** PPG-28-Buteth-35 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 28 and y has an average value of 35.

**Other Names:**

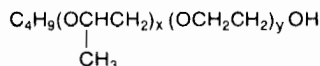
Polyoxyethylene (35) Polyoxypropylene (28)  
Monobutyl Ether  
Polyoxypropylene (28) Polyoxyethylene (35)  
Monobutyl Ether  
UCON 50-HB-3520 (*Union Carbide*)



**PPG-33-BUTETH-45**

RD Number: 977055-60-9

*Definition:* PPG-33-Buteth-45 is the polyoxypropylene, polyoxyethylene ether of butyl alcohol that conforms generally to the formula:



where x has an average value of 33 and y has an average value of 45.

*Information Sources:* CTFA

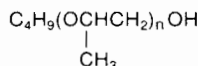
*Other Names:*

Polyoxyethylene (45) Polyoxypropylene (33)  
Monobutyl Ether  
Polyoxypropylene (33) Polyoxyethylene (45)  
Monobutyl Ether  
UCON 50-HB-5100 (*Union Carbide*)

**PPG-5 BUTYL ETHER**

RD Number: 977061-00-9

*Definition:* PPG-5 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 5.

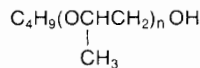
*Other Names:*

Polyoxypropylene (5) Butyl Ether  
Polypropylene Glycol (5) Butyl Ether  
UCON LB-65 (*Union Carbide*)

**PPG-9 BUTYL ETHER**

RD Number: 977066-92-4

*Definition:* PPG-9 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 9.

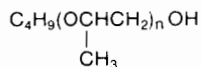
*Other Names:*

Polyoxypropylene (9) Butyl Ether  
Polypropylene Glycol (9) Butyl Ether  
UCON LB-135 (*Union Carbide*)

**PPG-14 BUTYL ETHER**

RD Number: 977055-61-0

*Definition:* PPG-14 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 14.

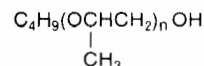
*Other Names:*

Fluid AP (*Union Carbide*)  
Polyoxypropylene (14) Butyl Ether  
Polypropylene Glycol (14) Butyl Ether  
UCON LB-165 (*Union Carbide*)  
UCON LB-200 (*Union Carbide*)  
UCON LB-250 (*Union Carbide*)

**PPG-15 BUTYL ETHER**

RD Number: 977066-88-8

*Definition:* PPG-15 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 15.

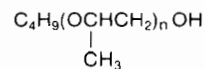
*Other Names:*

Polyoxypropylene (15) Butyl Ether  
Polypropylene Glycol (15) Butyl Ether  
UCON LB-285 (*Union Carbide*)

**PPG-16 BUTYL ETHER**

RD Number: 977055-62-1

*Definition:* PPG-16 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 16.

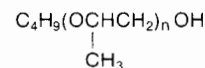
*Other Names:*

Polyoxypropylene (16) Butyl Ether  
Polypropylene Glycol (16) Butyl Ether  
UCON LB-300 (*Union Carbide*)

**PPG-18 BUTYL ETHER**

RD Number: 977055-63-2

*Definition:* PPG-18 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 18.

*Information Sources:* CTFA

*Other Names:*

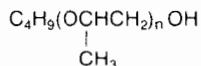
Polyoxypropylene (18) Butyl Ether  
Polypropylene Glycol (18) Butyl Ether  
UCON LB-385 (*Union Carbide*)

**PPG-22 BUTYL ETHER**

RD Number: 977066-89-9

*Definition:* PPG-22 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:

## PPG-22 Butyl Ether (Cont.)



where n has an average value of 22.

*Information Sources:* 21CFR121.2557

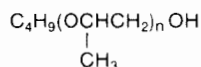
### *Other Names:*

Polyoxypropylene (22) Butyl Ether  
Polypropylene Glycol (22) Butyl Ether  
UCON LB-525 (*Union Carbide*)

## PPG-24 BUTYL ETHER

*RD Number:* 977066-90-2

*Definition:* PPG-24 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 24.

*Information Sources:* 21CFR121.2557

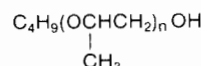
### *Other Names:*

Polyoxypropylene (24) Butyl Ether  
Polypropylene Glycol (24) Butyl Ether  
UCON LB-625 (*Union Carbide*)

## PPG-33 BUTYL ETHER

*RD Number:* 977055-64-3

*Definition:* PPG-33 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 33.

*Information Sources:* CTFA, 21CFR121.2557

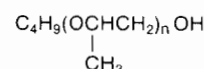
### *Other Names:*

Polyoxypropylene (33) Butyl Ether  
Polypropylene Glycol (33) Butyl Ether  
UCON LB-1145 (*Union Carbide*)

## PPG-40 BUTYL ETHER

*RD Number:* 977055-65-4

*Definition:* PPG-40 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 40.

*Information Sources:* CTFA, 21CFR121.2520,  
21CFR121.2557

### *Other Names:*

Ambiflo L-317 (*Dow*)  
Polyoxypropylene (40) Butyl Ether  
Polypropylene Glycol (40) Butyl Ether

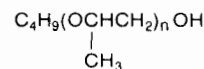
## PPG-10-Ceteareth-20

UCON LB-1715 (*Union Carbide*)  
Unilube MB-370 (*Nippon Oil & Fats*)

## PPG-53 BUTYL ETHER

*RD Number:* 977066-91-3

*Definition:* PPG-53 Butyl Ether is the polypropylene glycol ether of butyl alcohol that conforms generally to the formula:



where n has an average value of 53.

*Information Sources:* CTFA, 21CFR121.2557

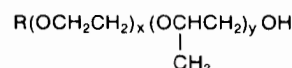
### *Other Names:*

Polyoxypropylene (53) Butyl Ether  
Polypropylene Glycol (53) Butyl Ether  
UCON LB-3000 (*Union Carbide*)

## PPG-4-CETEARETH-12

*RD Number:* 977067-24-5

*Definition:* PPG-4-Ceteareth-12 is the polyoxypropylene, polyoxyethylene ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals, x has an average value of 4 and y has an average value of 12.

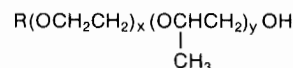
### *Other Names:*

Arosurf CL-744 (*Ashland*)  
Arosurf 63-PE16 (*Ashland*)  
Polyoxyethylene (12) Polyoxypropylene (4)  
Cetyl/Stearyl Ether  
Polyoxypropylene (4) Polyoxyethylene (12)  
Cetyl/Stearyl Ether

## PPG-10-CETEARETH-20

*RD Number:* 977067-21-2

*Definition:* PPG-10-Ceteareth-20 is the polyoxypropylene, polyoxyethylene ether of Cetearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents a blend of cetyl and stearyl radicals, x has an average value of 10 and y has an average value of 20.

### *Other Names:*

Aethoxal (*Henkel*)  
Polyoxyethylene (20) Polyoxypropylene (10)  
Cetyl/Stearyl Ether  
Polyoxypropylene (10) Polyoxyethylene (20)  
Cetyl/Stearyl Ether

## PPG-5-Ceteth-10 Phosphate

### PPG-5-CETETH-10 PHOSPHATE

RD Number: 977061-68-9

**Definition:** PPG-5-Ceteth-10 Phosphate is a complex mixture of esters of phosphoric acid and the polyoxypropylene, polyoxyethylene ether of cetyl alcohol.

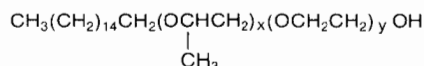
**Other Names:**

Crodafos SG (*Croda*)  
Polyoxyethylene (10) Polyoxypropylene (5)  
Cetyl Ether Phosphate  
Polyoxypropylene (5) Polyoxyethylene (10)  
Cetyl Ether Phosphate

### PPG-5-CETETH-20

RD Number: 977061-66-7

**Definition:** PPG-5-Ceteth-20 is the polyoxypropylene, polyoxyethylene ether of cetyl alcohol that conforms generally to the formula:



where x has an average value of 5 and y has an average value of 20.

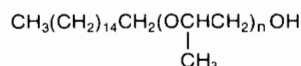
**Other Names:**

Polyoxyethylene (20) Polyoxypropylene (5)  
Cetyl Ether  
Polyoxypropylene (5) Polyoxyethylene (20)  
Cetyl Ether  
Procetyl AWS (*Croda*)

### PPG-10 CETYL ETHER

RD Number: 977055-66-5

**Definition:** PPG-10 Cetyl Ether is the polypropylene glycol ether of cetyl alcohol that conforms to the formula:



where n has an average value of 10.

**Other Names:**

Polyoxypropylene (10) Cetyl Ether  
Polypropylene Glycol (10) Cetyl Ether  
Procetyl 10 (*Croda*)

### PPG-10 CETYL ETHER PHOSPHATE

RD Number: 977060-96-0

**Definition:** PPG-10 Cetyl Ether Phosphate is a complex mixture of esters of phosphoric acid and PPG-10 Cetyl Ether (q.v.).

**Information Sources:** CTFA

**Other Names:**

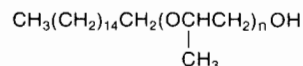
Crodafos CAP (*Croda*)  
Polyoxypropylene (10) Cetyl Ether Phosphate  
Polypropylene Glycol (10) Cetyl Ether Phosphate

## PPG-2 Dibenzoate

### PPG-28 CETYL ETHER

RD Number: 977062-64-8

**Definition:** PPG-28 Cetyl Ether is the polypropylene glycol ether of cetyl alcohol that conforms to the formula:



where n has an average value of 28.

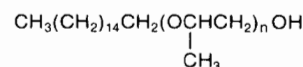
**Other Names:**

Polyoxypropylene (28) Cetyl Ether  
Polypropylene Glycol (28) Cetyl Ether

### PPG-30 CETYL ETHER

RD Number: 977055-67-6

**Definition:** PPG-30 Cetyl Ether is the polypropylene glycol ether of cetyl alcohol that conforms to the formula:



where n has an average value of 30.

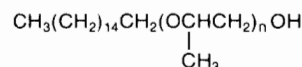
**Other Names:**

Polyoxypropylene (30) Cetyl Ether  
Polypropylene Glycol (30) Cetyl Ether  
Procetyl 30 (*Croda*)  
Wickenol 707 (*Wickhen*)

### PPG-50 CETYL ETHER

RD Number: 977060-07-3

**Definition:** PPG-50 Cetyl Ether is the polypropylene glycol ether of cetyl alcohol that conforms to the formula:



where n has an average value of 50.

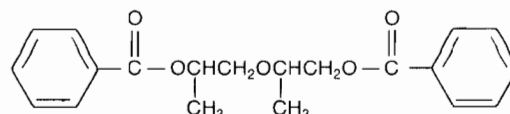
**Other Names:**

Polyoxypropylene (50) Cetyl Ether  
Polypropylene Glycol (50) Cetyl Ether  
Procetyl 50 (*Croda*)

### PPG-2 DIBENZOATE

CAS Number: 94-51-9

**Definition:** PPG-2 Dibenzoate is the polypropylene glycol ester of benzoic acid that conforms generally to the formula:



**Information Sources:** 21CFR121.2520

**Other Names:**

Benzoflex 9-88 (*Velsicol*)  
Dipropylene Glycol Dibenzoate

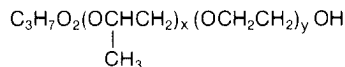
## PPG-2 Dibenzoate (Cont.)

Polyoxypropylene (2) Dibenzoate  
Polypropylene Glycol (2) Dibenzoate

## PPG-24-GLYCERETH-24

RD Number: 977061-64-5

**Definition:** PPG-24-Glycereth-24 is the polyoxypropylene, polyoxyethylene ether of glycerin that conforms generally to the formula:



where x has an average value of 24 and y has an average value of 24.

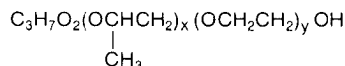
**Other Names:**

Polyglycol 15-200 (Dow)  
Polyoxyethylene (24) Polyoxypropylene (24)  
Glyceryl Ether  
Polyoxypropylene (24) Polyoxyethylene (24)  
Glyceryl Ether

## PPG-66-GLYCERETH-12

RD Number: 977067-25-6

**Definition:** PPG-66-Glycereth-12 is the polyoxypropylene, polyoxyethylene ether of glycerin that conforms generally to the formula:



where x has an average value of 66 and y has an average value of 12.

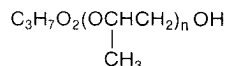
**Other Names:**

Polyglycol 112-2 (Dow)  
Polyoxyethylene (12) Polyoxypropylene (66)  
Glyceryl Ether  
Polyoxypropylene (66) Polyoxyethylene (12)  
Glyceryl Ether

## PPG-10 GLYCERYL ETHER

RD Number: 977067-07-4

**Definition:** PPG-10 Glyceryl Ether is the polypropylene glycol ether of glycerin that conforms generally to the formula:



where n has an average value of 10.

**Information Sources:** CTFA

**Other Names:**

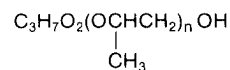
Polyoxypropylene (10) Glyceryl Ether  
Polypropylene Glycol (10) Glyceryl Ether  
Triol 700 (Union Carbide)  
Voranol CP-700 (Dow)

## PPG-27 GLYCERYL ETHER

RD Number: 977055-68-7

## PPG-3-Isosteareth-9

**Definition:** PPG-27 Glyceryl Ether is a polypropylene glycol ether of glycerin that conforms generally to the formula:



where n has an average value of 27.

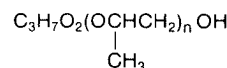
**Other Names:**

Polyoxypropylene (27) Glyceryl Ether  
Polypropylene Glycol (27) Glyceryl Ether  
Witconol CD-18 (Witco)

## PPG-55 GLYCERYL ETHER

RD Number: 977055-69-8

**Definition:** PPG-55 Glyceryl Ether is the polypropylene glycol ether of glycerin that conforms generally to the formula:



where n has an average value of 55.

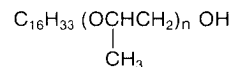
**Other Names:**

Polyoxypropylene (55) Glyceryl Ether  
Polypropylene Glycol (55) Glyceryl Ether  
Witconol CC-43 (Witco)

## PPG-30 ISOCETYL ETHER

RD Number: 977055-70-1

**Definition:** PPG-30 Isocetyl Ether is the polypropylene glycol ether of Isocetyl Alcohol (q.v.). It conforms generally to the formula:



where n has an average value of 30.

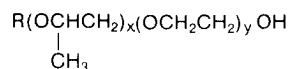
**Other Names:**

Polyoxypropylene (30) Isocetyl Ether  
Polypropylene Glycol (30) Isocetyl Ether  
Wickenol 717 (Wickhen)

## PPG-3-ISOSTEARETH-9

RD Number: 977068-36-2

**Definition:** PPG-3-Isosteareth-9 is the polyoxypropylene, polyoxyethylene ether of Isostearyl Alcohol (q.v.) that conforms generally to the formula:



where R represents the isostearyl radical, x has an average value of 3 and y has an average value of 9.

**Other Names:**

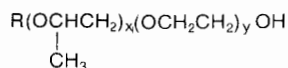
Arosurf CLA1 (Ashland)  
Polyoxyethylene (9) Polyoxypropylene (3)  
Isostearyl Ether  
Polyoxypropylene (3) Polyoxyethylene (9)  
Isostearyl Ether

## PPG-12-Laneth-50

### PPG-12-LANETH-50

RD Number: 977067-20-1

**Definition:** PPG-12-Laneth-50 is the polyoxypropylene, polyoxyethylene ether of Lanolin Alcohol (q.v.) that conforms generally to the formula:



where R represents the lanolin alcohol radical, x has an average value of 12 and y has an average value of 50.

**Other Names:**

Polyoxyethylene (50) Polyoxypropylene (12) Lanolin Ether  
Polyoxypropylene (12) Polyoxyethylene (50) Lanolin Ether

### PPG-2 LANOLIN ETHER

RD Number: 977067-06-3

**Definition:** PPG-2 Lanolin Ether is the polypropylene glycol ether of Lanolin Alcohol (q.v.) with an average propoxylation value of 2.

**Other Names:**

Polyoxypropylene (2) Lanolin Ether  
Polypropylene Glycol (2) Lanolin Ether  
Solulan PB-2 (*Amerchol*)

### PPG-5 LANOLIN ETHER

RD Number: 977067-04-1

**Definition:** PPG-5 Lanolin Ether is the polypropylene glycol ether of Lanolin Alcohol (q.v.) with an average propoxylation value of 5.

**Other Names:**

Polyoxypropylene (5) Lanolin Ether  
Polypropylene Glycol (5) Lanolin Ether  
Solulan PB-5 (*Amerchol*)

### PPG-10 LANOLIN ETHER

RD Number: 977061-53-2

**Definition:** PPG-10 Lanolin Ether is the polypropylene glycol ether of Lanolin Alcohol (q.v.) with an average propoxylation value of 10.

**Other Names:**

Polyoxypropylene (10) Lanolin Ether  
Polypropylene Glycol (10) Lanolin Ether  
Prochol 10 (*Croda*)  
Solulan PB-10 (*Amerchol*)

### PPG-20 LANOLIN ETHER

RD Number: 977064-51-9

## PPG-2 Methyl Ether

**Definition:** PPG-20 Lanolin Ether is the polypropylene glycol ether of Lanolin Alcohol (q.v.) with an average propoxylation value of 20.

**Other Names:**

Polyoxypropylene (20) Lanolin Ether  
Polypropylene Glycol (20) Lanolin Ether  
Solulan PB-20 (*Amerchol*)

### PPG-30 LANOLIN ETHER

RD Number: 977055-71-2

**Definition:** PPG-30 Lanolin Ether is the polypropylene glycol ether of Lanolin Alcohol (q.v.) with an average propoxylation value of 30.

**Information Sources:** CTFA

**Other Names:**

Polyoxypropylene (30) Lanolin Ether  
Polypropylene Glycol (30) Lanolin Ether  
Prochol 30 (*Croda*)  
Wickenol 727 (*Wickhen*)

### PPG-5 LANOLIN WAX

RD Number: 977069-60-5

**Definition:** PPG-5 Lanolin Wax is a polypropylene glycol derivative of Lanolin Wax (q.v.) with an average propoxylation value of 5.

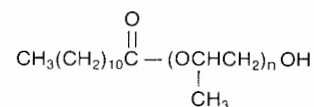
**Other Names:**

Polyoxypropylene (5) Lanolin Wax  
Polypropylene Glycol (5) Lanolin Wax  
Propoxyol 5 (*Malmstrom*)

### PPG-9 LAURATE

RD Number: 977055-72-3

**Definition:** PPG-9 Laurate is the polypropylene glycol ester of lauric acid that conforms to the formula:



where n has an average value of 9.

**Other Names:**

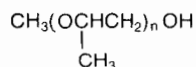
Polyoxypropylene (9) Monolaurate  
Polypropylene Glycol 400 Monolaurate

### PPG-2 METHYL ETHER

CAS Number: 13429-07-7

**Definition:** PPG-2 Methyl Ether is the polypropylene glycol ether of methyl alcohol that conforms to the formula:

## PPG-2 Methyl Ether (Cont.)



where n has an average value of 2.

*Information Sources:* CTFA, 21CFR121.2520

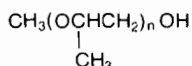
### *Other Names:*

Dipropylene Glycol Monomethyl Ether  
Dowanol DPM (*Dow*)  
Methoxy Dipropylene Glycol  
Polyoxypropylene (2) Methyl Ether  
Polypropylene Glycol (2) Methyl Ether

## PPG-3 METHYL ETHER

*RD Number:* 977067-03-0

*Definition:* PPG-3 Methyl Ether is the polypropylene glycol ether of methyl alcohol that conforms to the formula:



where n has an average value of 3.

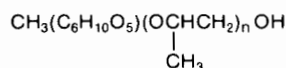
### *Other Names:*

Dowanol TPM (*Dow*)  
Polyoxypropylene (3) Methyl Ether  
Polypropylene Glycol (3) Methyl Ether  
Tripropylene Glycol Monomethyl Ether

## PPG-10 METHYL GLUCOSE ETHER

*RD Number:* 977067-01-8

*Definition:* PPG-10 Methyl Glucose Ether is the polypropylene glycol ether of methyl glucose that conforms generally to the formula:



where n has an average value of 10.

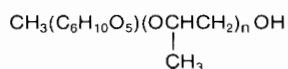
### *Other Names:*

Glucam P-10 (*Amerchol*)  
Polyoxypropylene (10) Methyl Glucose Ether  
Polypropylene Glycol (10) Methyl Glucose Ether

## PPG-20 METHYL GLUCOSE ETHER

*RD Number:* 977067-02-9

*Definition:* PPG-20 Methyl Glucose Ether is the polypropylene glycol ether of methyl glucose that conforms generally to the formula:



## PPG-3 Myristyl Ether

where n has an average value of 20.

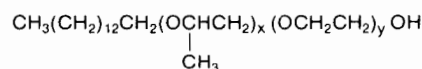
### *Other Names:*

Glucam P-20 (*Amerchol*)  
Polyoxypropylene (20) Methyl Glucose Ether  
Polypropylene Glycol (20) Methyl Glucose Ether

## PPG-3-MYRETH-3

*RD Number:* 977069-61-6

*Definition:* PPG-3-Myreth-3 is the polyoxypropylene, polyoxyethylene ether of myristyl alcohol that conforms generally to the formula:



where x has an average value of 3 and y has an average value of 3.

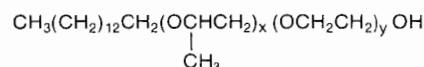
### *Other Names:*

Polyoxyethylene (3) Polyoxypropylene (3) Myristyl Ether  
Polyoxypropylene (3) Polyoxyethylene (3) Myristyl Ether  
Witconol APEM (*Witco*)

## PPG-3-MYRETH-11

*RD Number:* 977067-23-4

*Definition:* PPG-3-Myreth-11 is the polyoxypropylene, polyoxyethylene ether of myristyl alcohol that conforms generally to the formula:



where x has an average value of 3 and y has an average value of 11.

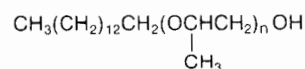
### *Other Names:*

Polyoxyethylene (11) Polyoxypropylene (3) Myristyl Ether  
Polyoxypropylene (3) Polyoxyethylene (11) Myristyl Ether  
Varonic U-914 (*Ashland*)

## PPG-3 MYRISTYL ETHER

*RD Number:* 977068-35-1

*Definition:* PPG-3 Myristyl Ether is the polypropylene glycol ether of myristyl alcohol that conforms to the formula:



where n has an average value of 3.

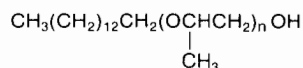
**Other Names:**

Polyoxypropylene (3) Myristyl Ether  
 Polypropylene Glycol (3) Myristyl Ether  
 Tripropylene Glycol Myristyl Ether  
 Witconol APM (*Witco*)

**PPG-4 MYRISTYL ETHER**

RD Number: 977055-73-4

**Definition:** PPG-4 Myristyl Ether is the polypropylene glycol ether of myristyl alcohol that conforms to the formula:



where n has an average value of 4.

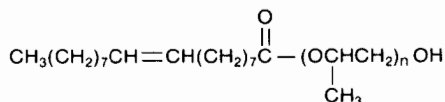
**Other Names:**

Polyoxypropylene (4) Myristyl Ether  
 Polypropylene Glycol (4) Myristyl Ether

**PPG-26 OLEATE**

RD Number: 977055-74-5

**Definition:** PPG-26 Oleate is the polypropylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 26.

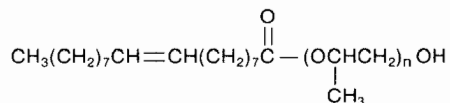
**Other Names:**

Hodag CSA-80 (*Hodag*)  
 OP-2000 (*BASF-Wyandotte*)  
 Polyoxypropylene (26) Monooleate  
 Polypropylene Glycol 2000 Monooleate

**PPG-36 OLEATE**

RD Number: 977055-75-6

**Definition:** PPG-36 Oleate is the polypropylene glycol ester of oleic acid that conforms to the formula:



where n has an average value of 36.

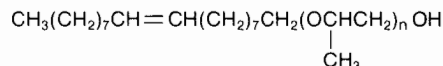
**Other Names:**

Polyoxypropylene (36) Monooleate  
 Polypropylene Glycol (36) Monooleate  
 Witconol F26-46 (*Witco*)

**PPG-10 OLEYL ETHER**

RD Number: 977055-76-7

**Definition:** PPG-10 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms to the formula:



where n has an average value of 10.

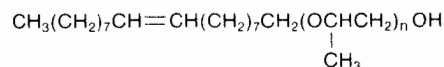
**Other Names:**

Hodag CSA-91 (*Hodag*)  
 Polyoxypropylene (10) Oleyl Ether  
 Polypropylene Glycol (10) Oleyl Ether  
 Provol 10 (*Croda*)

**PPG-20 OLEYL ETHER**

RD Number: 977068-34-0

**Definition:** PPG-20 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms generally to the formula:



where n has an average value of 20.

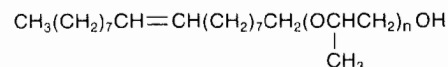
**Other Names:**

Polyoxypropylene (20) Oleyl Ether  
 Polypropylene Glycol (20) Oleyl Ether

**PPG-23 OLEYL ETHER**

RD Number: 977062-82-0

**Definition:** PPG-23 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms generally to the formula:



where n has an average value of 23.

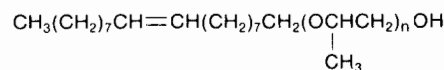
**Other Names:**

Polyoxypropylene (23) Oleyl Ether  
 Polypropylene Glycol (23) Oleyl Ether  
 UCON LO-500 (*Union Carbide*)

**PPG-30 OLEYL ETHER**

RD Number: 977055-77-8

**Definition:** PPG-30 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms generally to the formula:



where n has an average value of 30.

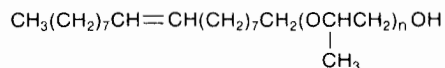
**Other Names:**

Polyoxypropylene (30) Oleyl Ether  
Polypropylene Glycol (30) Oleyl Ether  
Provol 30 (Croda)

**PPG-37 OLEYL ETHER**

RD Number: 977067-05-2

**Definition:** PPG-37 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms generally to the formula:



where n has an average value of 37.

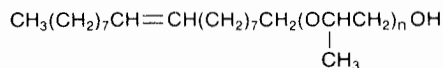
**Other Names:**

Polyoxypropylene (37) Oleyl Ether  
Polypropylene Glycol (37) Oleyl Ether  
UCON LO-1000 (Union Carbide)

**PPG-50 OLEYL ETHER**

RD Number: 977055-78-9

**Definition:** PPG-50 Oleyl Ether is the polypropylene glycol ether of oleyl alcohol that conforms generally to the formula:



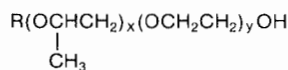
where n has an average value of 50.

**Other Names:**

Polyoxypropylene (50) Oleyl Ether  
Polypropylene Glycol (50) Oleyl Ether  
Provol 50 (Croda)

**PPG-6-PARETH-28-11**

**Definition:** PPG-6-Pareth-28-11 is the polyoxyethylene, polyoxypropylene ether of a mixture of synthetic alcohols that conforms generally to the formula:



where R represents an alcohol stem with 12 to 18 carbons in the alkyl chain, x has an average value of 6 and y has an average value of 11.

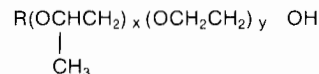
**Other Names:**

Plurafac D-25 (BASF-Wyandotte)

**PPG-12-PEG-50 LANOLIN**

RD Number: 977062-71-7

**Definition:** PPG-12-PEG-50 Lanolin is the polyoxypropylene, polyoxyethylene derivative of Lanolin (q.v.) that conforms generally to the formula:



where R represents the lanolin radicals, x has an average value of 12 and y has an average value of 50.

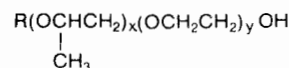
**Other Names:**

Lanexol AWS (Croda)  
Polyoxyethylene (50) Polyoxypropylene (12)  
Lanolin  
Polyoxypropylene (12) Polyoxyethylene (50)  
Lanolin

**PPG-40-PEG-60 LANOLIN OIL**

RD Number: 977065-80-7

**Definition:** PPG-40-PEG-60 Lanolin Oil is the polyoxypropylene, polyoxyethylene derivative of Lanolin Oil (q.v.) that conforms generally to the formula:



where R represents the lanolin oil radicals, x has an average value of 40 and y has an average value of 60.

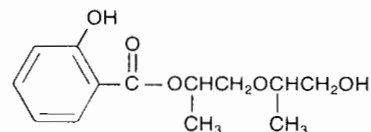
**Other Names:**

Aqualose LL100 (Westbrook Lanolin)  
Polyoxyethylene (60) Polyoxypropylene (40)  
Lanolin Oil  
Polyoxypropylene (40) Polyoxyethylene (60)  
Lanolin Oil

**PPG-2 SALICYLATE**

CAS Number: 7491-14-7

**Definition:** PPG-2 Salicylate is the propylene glycol ester of salicylic acid that conforms generally to the formula:



**Other Names:**

Dipropylene Glycol Salicylate  
Polyoxypropylene (2) Monosalicylate  
Polypropylene Glycol (2) Monosalicylate

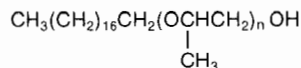


## PPG-11 Stearyl Ether

### PPG-11 STEARYL ETHER

RD Number: 977069-62-7

**Definition:** PPG-11 Stearyl Ether is the polypropylene glycol ether of stearyl alcohol that conforms to the formula:



where n has an average value of 11.

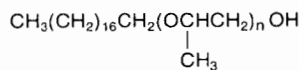
**Other Names:**

Polyoxypropylene (11) Stearyl Ether  
Polypropylene Glycol (11) Stearyl Ether  
Witconol APS (*Witco*)

### PPG-15 STEARYL ETHER

RD Number: 977061-23-6

**Definition:** PPG-15 Stearyl Ether is the polypropylene glycol ether of stearyl alcohol that conforms to the formula:



where n has an average value of 15.

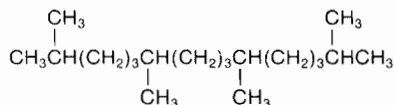
**Other Names:**

Arlamol E (*ICI United States*)  
Polyoxypropylene (15) Stearyl Ether  
Polypropylene Glycol (15) Stearyl Ether

### PRISTANE

CAS Number: 1921-70-6

**Definition:** Pristane is a saturated branched chain hydrocarbon found in shark liver oil and other natural oils. It conforms to the formula:



**Information Sources:** MI

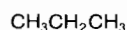
**Other Names:**

Norphytane  
Robway (*Robeco*)

### PROPANE

CAS Number: 74-98-6

**Definition:** Propane is the hydrocarbon that conforms to the formula:



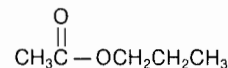
**Information Sources:** MI, 21CFR121.101

### PROPYL ACETATE

CAS Number: 109-60-4

**Definition:** Propyl Acetate is the ester of propyl alcohol and acetic acid that conforms to the formula:

## Propylene Glycol Alginate



**Information Sources:** MI, 21CFR121.1164, 21CFR121.2507

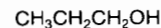
**Other Names:**

n-Propyl Acetate

### PROPYL ALCOHOL

CAS Number: 71-23-8

**Definition:** Propyl Alcohol is the organic alcohol that conforms to the formula:



**Information Sources:** DDR, MI, PN, 21CFR121.307, 21CFR121.1164, 21CFR121.2507, 21CFR121.2520

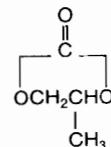
**Other Names:**

1-Propanol  
n-Propyl Alcohol

### PROPYLENE CARBONATE

CAS Number: 108-32-7

**Definition:** Propylene Carbonate is the organic compound that conforms to the formula:

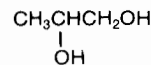


**Information Sources:** 21CFR121.2520

### PROPYLENE GLYCOL

CAS Number: 57-55-6

**Definition:** Propylene Glycol is the organic alcohol that conforms generally to the formula:



**Information Sources:** CTFA, ARG, AUS, BP, BPC, BRA, CZE, DDR, FCC, HUN, ITA, MAR, MI, NFJ, PF, PN, POR, ROM, SNPF, USD, USP, WHO, 21CFR121.101, 21CFR121.2514, 21CFR121.2522, 21CFR121.2562

**Other Names:**

1,2-Propanediol

### PROPYLENE GLYCOL ALGINATE

CAS Number: PM9005-37-2

**Definition:** Propylene Glycol Alginate is a mixture of the propylene glycol esters of alginic acid.

## Propylene Glycol Alginate (Cont.)

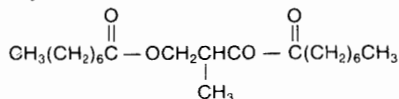
Information Sources: FCC, 21CFR121.1015,  
21CFR121.1099, 21CFR121.2526

Other Names:  
Kelcoloid (Kelco)

## PROPYLENE GLYCOL DICAPRYLATE

RD Number: 977067-29-0

Definition: Propylene Glycol Dicaprylate is the diester of propylene glycol and caprylic acid that conforms generally to the formula:



Information Sources: 21CFR121.1099,  
21CFR121.1113

Other Names:  
Crodamol PC (Croda)

## PROPYLENE GLYCOL DICAPRYLATE/ DICAPRATE

RD Number: 977060-55-1

Definition: Propylene Glycol Dicaprylate/Dicaprate is a mixture of the propylene glycol diesters of caprylic and capric acids.

Information Sources: 21CFR121.1099,  
21CFR121.1113

Other Names:  
Captex 200 (Capital City)  
Miglyol 840 (Dynamit-Nobel)  
Neobee M-20 (PVO)  
Standamul 302 (Henkel)  
Tegester PG-8-10 (Inolex)

## PROPYLENE GLYCOL DICOCOATE

RD Number: 977058-03-9

Definition: Propylene Glycol Dicoate is a mixture of the propylene glycol esters of coconut fatty acids in which the diesters predominate.

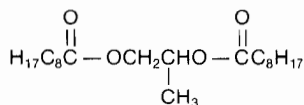
Information Sources: 21CFR121.2535

Other Names:  
Propylene Glycol Dicoconate  
Propylene Glycol Diester Coconut Acids

## PROPYLENE GLYCOL DIISONONANOATE

RD Number: 977067-30-3

Definition: Propylene Glycol Diisononanoate is the diester of propylene glycol and branched chain nonanoic acids. It conforms generally to the formula:



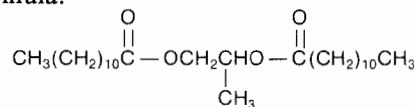
## Propylene Glycol Laurate

Other Names:  
Liponate L (Lipo)

## PROPYLENE GLYCOL DILAURATE

CAS Number: 22788-19-8

Definition: Propylene Glycol Dilaurate is the diester of propylene glycol and lauric acid. It conforms to the formula:

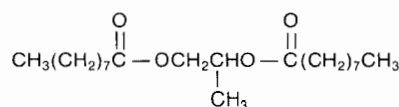


Information Sources: 21CFR121.1099,  
21CFR121.1113

## PROPYLENE GLYCOL DIPELARGONATE

RD Number: 977058-04-0

Definition: Propylene Glycol Dipelargonate is the ester of propylene glycol and pelargonic acid that conforms generally to the formula:



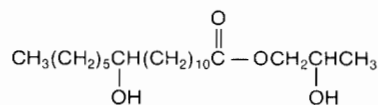
Information Sources: CTFA

Other Names:  
Emerest 2388 (Malmstrom)

## PROPYLENE GLYCOL HYDROXYSTEARATE

CAS Number: 33907-47-0

Definition: Propylene Glycol Hydroxystearate is the ester of propylene glycol and Hydroxystearic Acid (q.v.). It conforms generally to the formula:



Other Names:  
Paricin 9 (NL Industries)

## PROPYLENE GLYCOL ISOSTEARATE

RD Number: 977067-31-4

Definition: Propylene Glycol Isostearate is the ester of propylene glycol and Isostearic Acid (q.v.).

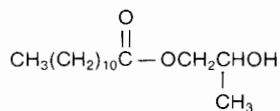
Other Names:  
Emerest 2384 (Malmstrom)  
Emerest 2387 (Malmstrom)  
Emerest 2389 (Malmstrom)  
Propylene Glycol Monoisostearate

## PROPYLENE GLYCOL LAURATE

CAS Number: 27194-74-7

Definition: Propylene Glycol Laurate is the ester of propylene glycol and lauric acid that conforms generally to the formula:

## Propylene Glycol Laurate (Cont.)



*Information Sources:* CTFA, 21CFR121.1099, 21CFR121.1113, 21CFR121.2520

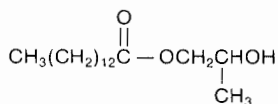
*Other Names:*

Drewmulse PGML (PVO)  
Kessco PGML-X533 (Armak)  
Propylene Glycol Monolaurate

## PROPYLENE GLYCOL MYRISTATE

*RD Number:* 977058-05-1

*Definition:* Propylene Glycol Myristate is the ester of propylene glycol and myristic acid that conforms generally to the formula:



*Information Sources:* 21CFR121.1113, 21CFR121.1099

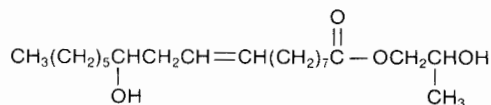
*Other Names:*

Propylene Glycol Monomyristate

## PROPYLENE GLYCOL RICINOLEATE

*CAS Number:* 26402-31-3

*Definition:* Propylene Glycol Ricinoleate is the ester of propylene glycol and ricinoleic acid that conforms generally to the formula:



*Other Names:*

Flexricin 9 (NL Industries)  
Propylene Glycol Monoricinoleate

## PROPYLENE GLYCOL SOYATE

*RD Number:* 977067-32-5

*Definition:* Propylene Glycol Soyate is the ester of propylene glycol and Soya Acid (q.v.).

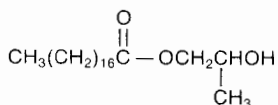
*Other Names:*

Kessco 3283 (Armak)

## PROPYLENE GLYCOL STEARATE

*CAS Number:* 1323-39-3

*Definition:* Propylene Glycol Stearate is the ester of propylene glycol and stearic acid that conforms generally to the formula:



## Propyl Gallate

*Information Sources:* CTFA, FCC, MAR, NF, 21CFR121.1099, 21CFR121.1113, 21CFR121.2520

*Other Names:*

Cerasynt P (Van Dyk)  
Cerasynt PA (Van Dyk)  
Emerest 2380 (Malmstrom)  
Hodag PGMS (Hodag)  
Kessco PGMS-R (Armak)  
Kessco PGMS-X534F (Armak)  
Kessco Propylene Glycol Monostearate Pure (Armak)  
Ogeen PGMS (Ogo)  
Propylene Glycol Monostearate  
Unimate PGMS (Union Camp)  
Witconol PS-50 (Witco)

## PROPYLENE GLYCOL STEARATE SE

*RD Number:* 977067-33-6

*Definition:* Propylene Glycol Stearate SE is a self-emulsifying grade of Propylene Glycol Stearate (q.v.) that contains some sodium and/or potassium stearate.

*Information Sources:* CTFA

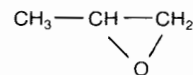
*Other Names:*

Abracol P.G.S. (Bush Boake Allen)  
Cerasynt PN (Van Dyk)  
Emerest 2381 (Malmstrom)  
Kessco PGMS-X174 (Armak)  
Kessco PGMS-8615 (Armak)  
Ogeen P (Ogo)  
Pegospense PS (Glyco)  
Tegin P (Inolex)

## PROPYLENE OXIDE

*CAS Number:* 75-56-9

*Definition:* Propylene Oxide is the aliphatic oxide that conforms to the formula:



*Information Sources:* MI, 21CFR123.380

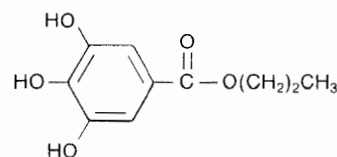
*Other Names:*

1,2-Propylene Oxide

## PROPYL GALLATE

*CAS Number:* 121-79-9

*Definition:* Propyl Gallate is the aromatic ester of propyl alcohol and gallic acid. It conforms generally to the formula:



## Propyl Gallate (Cont.)

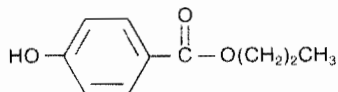
*Information Sources:* CTFA, AUS, BP, BPC, CZE, FCC, MAR, MI, PN, 21CFR121.2005, 21CFR121.2514, 21CFR121.2577

*Other Names:*  
Progallin P (*Nipa*)  
Tenox PG (*Eastman*)

## PROPYLPARABEN

*CAS Number:* 94-13-3

*Definition:* Propylparaben is the organic ester of n-propyl alcohol and p-hydroxybenzoic acid. It conforms to the formula:



*Information Sources:* CTFA, AUS, BP, BPC, BRA, CZE, DA, DDR, FCC, FIN, HUN, IND, MAR, MEX, MI, NFJ, PN, ROM, USD, USP, YUG, 21CFR121.104, 21CFR121.1164, 21CFR121.2005

*Other Names:*  
Betacide P (*Beta*)  
Nipasol M (*Nipa*)  
Propyl Aseptofom (*Greeff*)  
Propyl p-Hydroxybenzoate  
Propyl Parahydroxybenzoate  
Propyl Parasept (*Tenneco*)  
Protaben P (*Protameen*)  
Tegosept P (*Inolex*)

## PROTAMINE/NUCLEIC ACID COMPLEX

*Definition:* Protamine/Nucleic Acid Complex is a high molecular weight compound composed of helically structured deoxyribonucleic acid coupled to the basic protein, protamine.

*Other Names:*  
SNP-19 (*General Mills*)

## PUMICE

*CAS Number:* 1332-09-8

*Definition:* Pumice is a substance of volcanic origin consisting chiefly of complex silicates of aluminum and alkali metals.

*Information Sources:* MAR, MI, NF

*Other Names:*  
Pumice 8849 1/2

## PVM/MA COPOLYMER

*RD Number:* 977058-06-2

*Definition:* PVM/MA Copolymer is a copolymer of methyl vinyl ether and maleic anhydride.

*Information Sources:* CTFA, MAR

## PVP/VA Copolymer

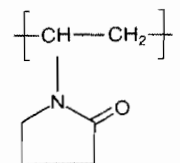
*Other Names:*

Gantrez AN-119 (*GAF*)  
Gantrez AN-139 (*GAF*)  
Gantrez AN-149 (*GAF*)  
Gantrez AN-169 (*GAF*)  
Methyl Vinyl Ether/ Maleic Anhydride Copolymer

## PVP

*CAS Number:* PM9003-39-8

*Definition:* PVP is the linear polymer that consists of 1-vinyl-2-pyrrolidone monomers conforming generally to the formula:



*Information Sources:* CTFA, BPC, FCC, ITA, MAR, MI, NFXIII, USD, USP, 21CFR121.1110, 21CFR121.1139, 21CFR121.2519, 21CFR121.2526

*Other Names:*  
Luviskol (*BASF-Wyandotte*)  
Polyvinylpyrrolidone  
Povidone  
PVP K-30 (*GAF*)  
PVP K-60 (*GAF*)  
PVP K-90 (*GAF*)

## PVP/ETHYL METHACRYLATE/METHACRYLIC ACID POLYMER

*RD Number:* 977067-34-7

*Definition:* PVP/Ethyl Methacrylate/Methacrylic Acid Polymer is a polymer of vinyl pyrrolidone, ethyl methacrylate and methacrylic acid monomers.

*Other Names:*  
VEM 640-50% Solids Resin (*Barr*)

## PVP-IODINE

*CAS Number:* PM9006-37-5

*Definition:* PVP-Iodine is a complex of polyvinylpyrrolidone and iodine.

*Information Sources:* MAR, MI, NFXIII, USD, USP

*Other Names:*  
Polyvinylpyrrolidone-Iodine Complex  
Povidone Iodine

## PVP/VA COPOLYMER

*CAS Number:* MX8013-98-7

*Definition:* PVP/VA Copolymer is a copolymer of vinyl acetate and vinylpyrrolidone monomers.

*Other Names:*

PVP/VA E-335 (GAF)  
 PVP/VA E-535 (GAF)  
 PVP/VA E-635 (GAF)  
 PVP/VA E-735 (GAF)  
 PVP/VA S-630 (GAF)

**PYRIDINE**

CAS Number: 110-86-1

*Definition:* Pyridine is the heterocyclic compound that conforms to the formula:

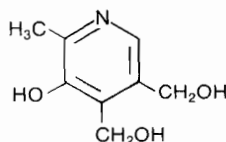


*Information Sources:* MI, 21CFR121.1164

**PYRIDOXINE**

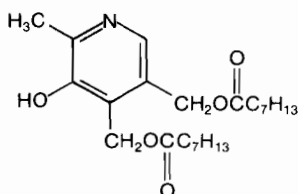
CAS Number: 65-23-6

*Definition:* Pyridoxine is the substituted aromatic compound that conforms to the formula:

**PYRIDOXINE DIOCTENOATE**

RD Number: 977058-07-3

*Definition:* Pyridoxine Dioctenoate is the substituted aromatic compound that conforms generally to the formula:

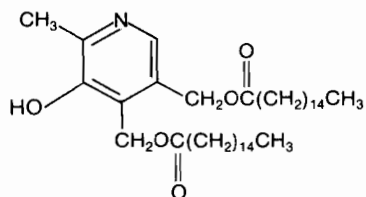
*Other Names:*

Vitamin B<sub>6</sub> Dioctenoate

**PYRIDOXINE DIPALMITATE**

RD Number: 977058-08-4

*Definition:* Pyridoxine Dipalmitate is the substituted aromatic compound that conforms generally to the formula:

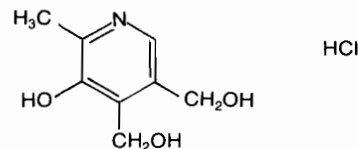
*Other Names:*

Vitamin B<sub>6</sub> Dipalmitate

**PYRIDOXINE HCl**

CAS Number: 58-56-0

*Definition:* Pyridoxine HCl is the substituted aromatic compound that conforms to the formula:



*Information Sources:* AUS, BP, BPC, BRA, CZE, DA, DDR, EP, FCC, HUN, IND, ITA, MAR, MI, NFJ, PJ, PN, POR, ROM, USD, USP, WHO, 21CFR121.101

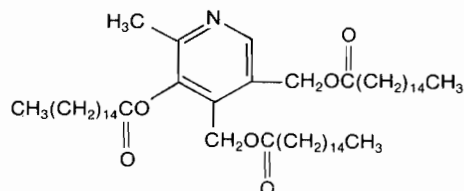
*Other Names:*

Vitamin B<sub>6</sub> Hydrochloride

**PYRIDOXINE TRIPALMITATE**

CAS Number: 4372-46-7

*Definition:* Pyridoxine Tripalmitate is the substituted aromatic compound that conforms generally to the formula:

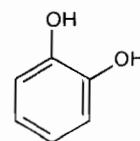
*Other Names:*

Vitamin B<sub>6</sub> Tripalmitate

**PYROCATECHOL**

CAS Number: 120-80-9

*Definition:* Pyrocatechol is the aromatic alcohol that conforms to the formula:



*Information Sources:* CTFA, CI 76500, MI

*Other Names:*

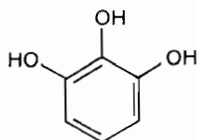
Catechol  
 1,2-Dihydroxybenzene  
 Pyrocatechin

**PYROGALLOL**

CAS Number: 87-66-1

*Definition:* Pyrogallol is the aromatic alcohol that conforms to the formula:

*Pyrogallol (Cont.)*



*Information Sources:* AUS, CI 76515, DDR, EGY, MAR, MI, POR, 21CFR8.6017

*Other Names:*  
Pyrogallic Acid

*Pyroligneous Acid*

**PYROLIGNEOUS ACID**

*CAS Number:* MX8030-97-5

*Definition:* Pyroligneous Acid is a mixture of compounds obtained by distillation of wood.

*Information Sources:* MI

# MONOGRAPHS

## Q

### QUASSIN

CAS Number: 1405-17-0

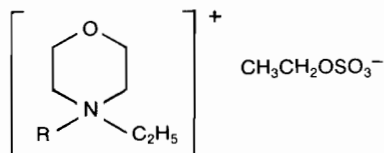
*Definition:* Quassin is a bitter alkaloid obtained from the wood of *Quassia amara*. It is chiefly used as a denaturant for ethyl alcohol.

*Information Sources:* ARG, MI, POR, 27CFR212.87a

### QUATERNIUM-2

CAS Number: MX8036-73-5

*Definition:* Quaternium-2 is the quaternary ammonium salt that conforms generally to the formula:



where R represents the soya radicals.

*Information Sources:* CTFA

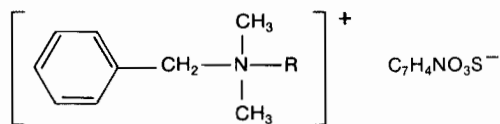
*Other Names:*

Atlas G-271 (*ICI United States*)  
Barquat SME-35 (*Lonza*)  
G-271 (*ICI United States*)  
N-Soya-N-Ethyl Morpholinium Ethosulfate

### QUATERNIUM-3

RD Number: 977061-99-6

*Definition:* Quaternium-3 is a quaternary ammonium salt that conforms generally to the formula:



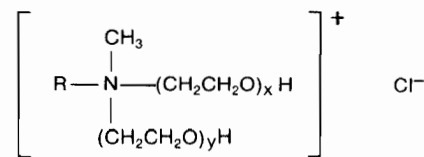
where R represents a mixture of fatty acid radicals.

*Other Names:*

Alkyl Dimethyl Benzyl Ammonium Saccharinate  
Onyxide 3300 (*Onyx*)

### QUATERNIUM-4

*Definition:* Quaternium-4 is a combining term used to describe a series of ethoxylated quaternary salts that conform generally to the formula:

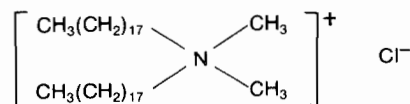


where R is an alkyl radical and x + y has a predetermined value. This term, standing alone, should not be used for labeling purposes.

### QUATERNIUM-5

CAS Number: 107-64-2

*Definition:* Quaternium-5 is the quaternary ammonium salt that conforms generally to the formula:



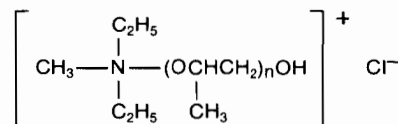
*Other Names:*

Arosurf TA-100 (*Ashland*)  
Arquad 2S-75 (*Armak*)  
Dimethyl Dioctadecyl Ammonium Chloride  
Distearyl Dimethyl Ammonium Chloride

### QUATERNIUM-6

RD Number: 977062-29-5

*Definition:* Quaternium-6 is the quaternary ammonium salt that conforms generally to the formula:



where n has an average value of 9.

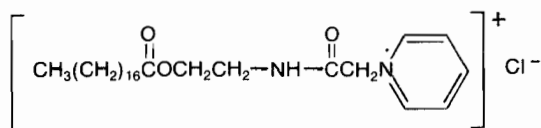
*Other Names:*

Emcol CC-9 (*Witco*)  
Polyoxypropylene (9) Methyl Diethyl Ammonium Chloride

### QUATERNIUM-7

CAS Number: 1341-08-8

*Definition:* Quaternium-7 is the quaternary ammonium salt that conforms generally to the formula:



Information Sources: CTFA

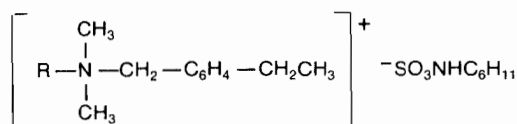
Other Names:

- Emcol E-607S (Witco)
- 1-[[2-Hydroxyethyl] Carbamoyl] Methyl Pyridinium Chloride Stearate
- N-(Stearoyl Colamino Formyl Metnyl) Pyridinium Chloride

### QUATERNIUM-8

RD Number: 977066-07-1

Definition: Quaternium-8 is the quaternary ammonium salt that conforms generally to the formula:



where R represents a mixture of fatty acid radicals.

Information Sources: CTFA, 21CFR121.2520

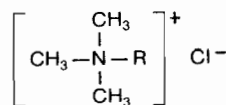
Other Names:

- Alkyl Dimethyl Ethylbenzyl Ammonium
- Cyclohexyl Sulfamate
- Onyxide 172 (Onyx)

### QUATERNIUM-9

RD Number: 977061-94-1

Definition: Quaternium-9 is the quaternary ammonium salt that conforms generally to the formula:



where R represents the soya fatty radicals.

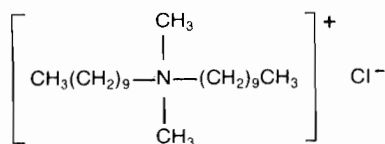
Other Names:

- N-(Soya Alkyl)-N,N,N-Trimethyl Ammonium Chloride

### QUATERNIUM-12

CAS Number: 7173-51-5

Definition: Quaternium-12 is the quaternary ammonium salt that conforms generally to the formula:



Other Names:

- Bardac 22 (Lonza)

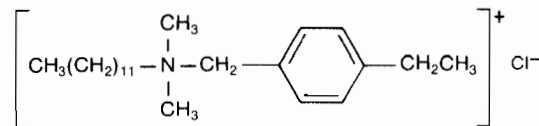
BTC 1010 (Onyx)

Didecyl Dimethyl Ammonium Chloride

### QUATERNIUM-14

CAS Number: MX8045-21-4

Definition: Quaternium-14 is the quaternary ammonium salt that conforms generally to the formula:



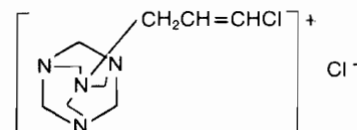
Other Names:

- BTC 471 (Onyx)
- Dodecyl Dimethyl Ethylbenzyl Ammonium Chloride

### QUATERNIUM-15

CAS Number: 4080-31-3

Definition: Quaternium-15 is the quaternary ammonium salt that conforms to the formula:



Information Sources: CTFA, MI, 21CFR14.2520, 21CFR121.2522, 21CFR121.2526

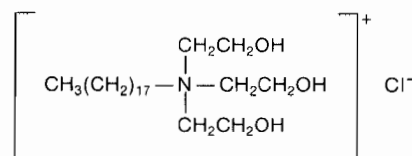
Other Names:

- Chloroallyl Methenamine Chloride
- N-(3-Chloroallyl)-Hexaminium Chloride
- 1-(3-Chloroallyl)-3,5,7-Triaza-1-Azoniaadamantane Chloride
- Dowicil 100 (Dow)
- Dowicil 200 (Dow)

### QUATERNIUM-16

RD Number: 977068-37-3

Definition: Quaternium-16 is the quaternary ammonium salt that conforms to the formula:



Information Sources: CTFA

Other Names:

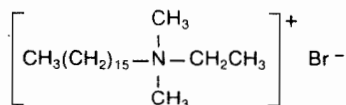
- Miramine TA 30 (Miranol)
- Miramine TA 30-A (Miranol)

### QUATERNIUM-17

CAS Number: 124-03-8

Definition: Quaternium-17 is the quaternary ammonium salt that conforms generally to the formula:





Other Names:

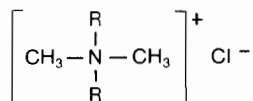
Bretol (Fine)

Cetyl Dimethyl Ethyl Ammonium Bromide

### QUATERNIUM-18

RD Number: 977062-23-9

Definition: Quaternium-18 is the quaternary ammonium salt that conforms generally to the formula:



where R represents hydrogenated tallow fatty radicals.

Other Names:

Adogen 442 (Ashland)

Adogen 442-100P (Ashland)

Aliquat H226 (General Mills)

Ammonyx 2200 (Onyx)

Arquad 2HT-75 (Armak)

Dimethyl Di (Hydrogenated Tallow) Ammonium Chloride

Varisoft 100 (Ashland)

### QUATERNIUM-18 BENTONITE

RD Number: 977062-70-6

Definition: Quaternium-18 Bentonite is a reaction product of Bentonite (q.v.) and Quaternium-18 (q.v.).

Information Sources: CTFA

Other Names:

Bentone 34 (NL Industries)

### QUATERNIUM-18 HECTORITE

RD Number: 977062-10-4

Definition: Quaternium-18 Hectorite is a reaction product of Hectorite (q.v.) and Quaternium-18 (q.v.).

Other Names:

Bentone 38 (NL Industries)

### QUATERNIUM-19

RD Number: 977061-77-0

Definition: Quaternium-19 is a polymer of hydroxyethyl cellulose reacted with epichlorohydrin and then quaternized with trimethyl amine.

Other Names:

Blend 104 (Union Carbide)

Polymer JR-30M (Union Carbide)

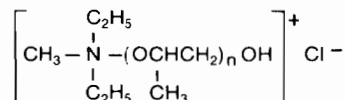
Polymer JR-125 (Union Carbide)

Polymer JR-400 (Union Carbide)

### QUATERNIUM-20

RD Number: 977062-01-3

Definition: Quaternium-20 is the quaternary ammonium salt that conforms generally to the formula:



where n has an average value of 25.

Information Sources: CTFA

Other Names:

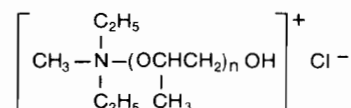
Emcol CC-36 (Witco)

Polyoxypropylene (25) Methyl Diethyl Ammonium Chloride

### QUATERNIUM-21

RD Number: 977063-06-1

Definition: Quaternium-21 is the quaternary ammonium salt that conforms generally to the formula:



where n has an average value of 40.

Other Names:

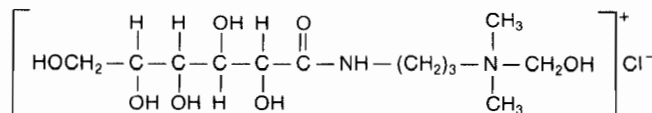
Emcol CC-42 (Witco)

Polyoxypropylene (40) Methyl Diethyl Ammonium Chloride

### QUATERNIUM-22

RD Number: 977062-28-4

Definition: Quaternium-22 is the quaternary ammonium salt reported to conform generally to the formula:



Other Names:

Ceraphyl 60 (Van Dyk)

$\gamma$ -Gluconamidopropyl Dimethyl 2-Hydroxyethyl Ammonium Chloride

### QUATERNIUM-23

RD Number: 977063-05-0

Definition: Quaternium-23 is a quaternary ammonium polymer formed by the reaction of dimethyl sulfate and a copolymer of vinyl pyrrolidone and dimethyl aminoethylmethacrylate.

## Quaternium-23 (Cont.)

### Other Names:

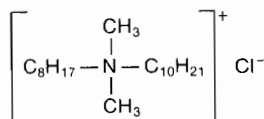
Gafquat 734 (GAF)

Gafquat 755 (GAF)

## QUATERNIUM-24

RD Number: 977065-91-0

**Definition:** Quaternium-24 is the quaternary ammonium salt that conforms generally to the formula:



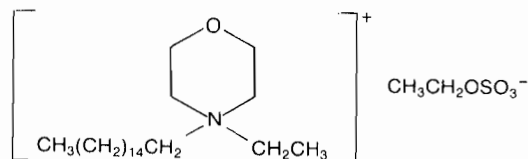
### Other Names:

Bardac 20 (Lonza)

## QUATERNIUM-25

CAS Number: 78-21-7

**Definition:** Quaternium-25 is the quaternary ammonium salt that conforms generally to the formula:



### Other Names:

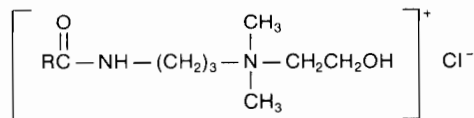
Barquat CME-35 (Lonza)

Cetyl Ethyl Morpholinium Ethosulfate

## QUATERNIUM-26

RD Number: 977062-00-2

**Definition:** Quaternium-26 is the quaternary ammonium salt that conforms generally to the formula:



where  $\text{RC}-$  represents the fatty groups derived from mink oil.

### Other Names:

Ceraphyl 65 (Van Dyk)

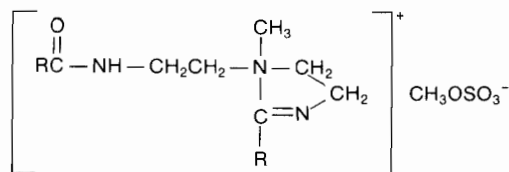
Mink-Amidopropyl Dimethyl 2-Hydroxyethyl Ammonium Chloride

## QUATERNIUM-27

RD Number: 977065-92-1

**Definition:** Quaternium-27 is the quaternary ammonium salt that conforms generally to the formula:

## Quaternium-31



where R is derived from the tallow acid radical.

### Other Names:

Carsosoft S-75 (Carson)

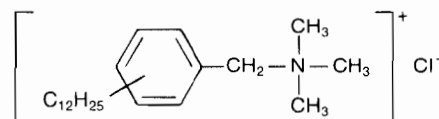
Carsosoft S-90 (Carson)

Varisoft 475 (Ashland)

## QUATERNIUM-28

RD Number: 977065-93-2

**Definition:** Quaternium-28 is the quaternary ammonium salt that conforms generally to the formula:



### Other Names:

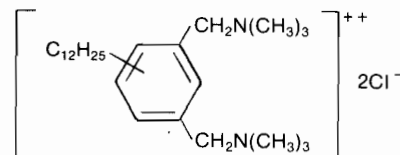
Dodecylbenzyl Trimethyl Ammonium Chloride

Rewoquat B18 (Rewo)

## QUATERNIUM-29

RD Number: 977065-94-3

**Definition:** Quaternium-29 is the quaternary ammonium salt that conforms generally to the formula:



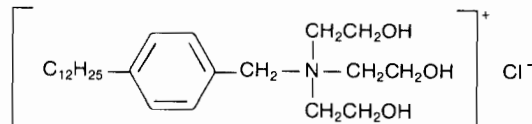
### Other Names:

Dodecylxylyl bis (Trimethyl Ammonium Chloride)

## QUATERNIUM-30

RD Number: 977061-36-1

**Definition:** Quaternium-30 is the quaternary ammonium salt that conforms generally to the formula:



### Other Names:

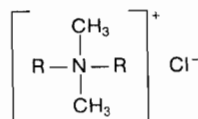
Dodecylbenzyl Triethanolammonium Chloride

Rewoquat B41 (Rewo)

## QUATERNIUM-31

RD Number: 977065-95-4

**Definition:** Quaternium-31 is the quaternary ammonium salt that conforms generally to the formula:



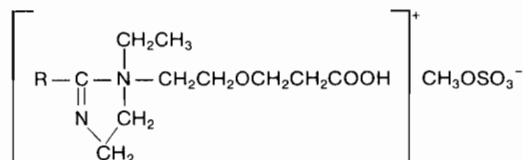
where R represents a synthetic saturated alkyl group consisting primarily of 16 carbons.

**Other Names:**  
Adogen 432 CG (*Ashland*)

### QUATERNIUM-32

RD Number: 977065-96-5

**Definition:** Quaternium-32 is the quaternary ammonium salt that conforms generally to the formula:



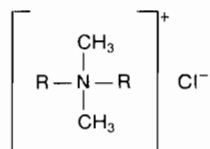
where R is derived from Isostearic Acid (q.v.).

**Other Names:**  
Monaquat ISIES (*Mona*)

### QUATERNIUM-34

RD Number: 977065-97-6

**Definition:** Quaternium-34 is the quaternary ammonium salt that conforms generally to the formula:



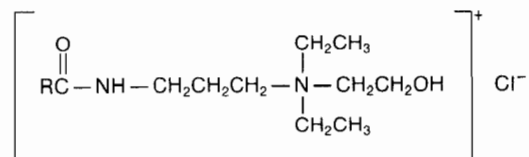
where R represents the coconut radical.

**Other Names:**  
Arquad 2C-75 (*Armak*)  
Dicoco Dimethyl Ammonium Chloride

### QUATERNIUM-35

RD Number: 977065-98-7

**Definition:** Quaternium-35 is the quaternary ammonium salt that conforms generally to the formula:



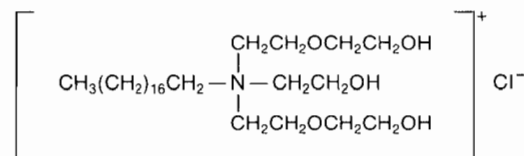
where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the fatty acid radicals derived from mink oil.

**Other Names:**  
Ceraphyl 65E (*Van Dyk*)  
Minkamidopropyl Diethyl 2-Hydroxyethyl Ammonium Chloride

### QUATERNIUM-36

RD Number: 977065-99-8

**Definition:** Quaternium-36 is the quaternary ammonium salt that conforms to the formula:



**Other Names:**  
Genamin KS5 (*American Hoechst*)

### QUATERNIUM-37

RD Number: 977068-38-4

**Definition:** Quaternium-37 is a polymeric quaternary ammonium salt prepared by the reaction of ethyl methacrylate/abietyl methacrylate/diethylaminoethyl methacrylate copolymer with dimethyl sulfate.

**Other Names:**  
Ethyl Methacrylate/Abietyl Methacrylate/  
Diethylaminoethyl Methacrylate-Quaternized  
with Dimethyl Sulfate

### QUATERNIUM-38

RD Number: 977068-39-5

**Definition:** Quaternium-38 is a polymeric quaternary ammonium salt prepared by the reaction of ethyl methacrylate/oleyl methacrylate/diethylaminoethyl methacrylate copolymer with dimethyl sulfate.

**Other Names:**  
Ethyl Methacrylate/Oleyl Methacrylate/  
Diethylaminoethyl Methacrylate-Quaternized  
with Dimethyl Sulfate

### QUATERNIUM-39

RD Number: 977066-00-4

**Definition:** Quaternium-39 is the copolymer of acrylamide and beta-methacryloxyethyl trimethyl ammonium methosulfate.

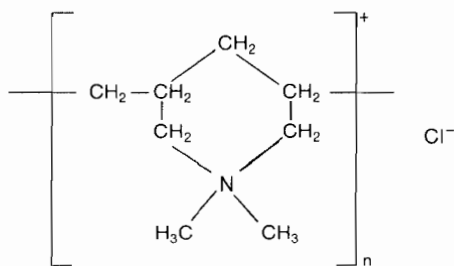
**Other Names:**  
Reten 205M (*Hercules*)  
Reten 210 (*Hercules*)  
Reten 220 (*Hercules*)

### QUATERNIUM-40

RD Number: 977066-02-6

## Quaternium-40 (Cont.)

**Definition:** Quaternium-40 is the polymeric quaternary ammonium salt that conforms generally to the formula:



**Other Names:**  
Merquat-100 (Merck)

## QUATERNIUM-41

RD Number: 977066-03-7

**Definition:** Quaternium-41 is the polymeric quaternary ammonium salt consisting of acrylamide and dimethyl diallyl ammonium chloride monomers.

**Other Names:**  
Merquat-550 (Merck)

## QUATERNIUM-42

RD Number: 977066-04-8

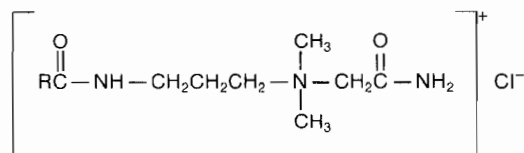
**Definition:** Quaternium-42 is the polymeric quaternary ammonium salt of methyl and stearyl dimethylaminoethyl methacrylate quaternized with dimethyl sulfate.

**Other Names:**  
Methyl and Stearyl Dimethylaminoethyl  
Methacrylate Quaternized with Dimethyl Sulfate

## QUATERNIUM-43

RD Number: 977066-05-9

**Definition:** Quaternium-43 is the quaternary ammonium salt that conforms to the formula:



where  $\text{RC}-\overset{\text{O}}{\parallel}$  represents the cocoyl radicals.

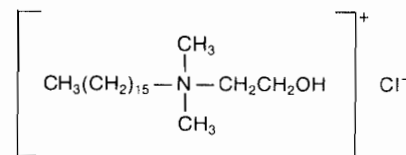
**Other Names:**  
Cocamidopropyl Dimethyl Acetamido  
Ammonium Chloride

## QUATERNIUM-44

RD Number: 977066-06-0

**Definition:** Quaternium-44 is the quaternary ammonium salt that conforms to the formula:

## Quaternium-47

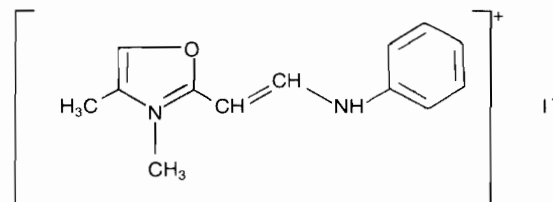


**Other Names:**  
Cetyl Dimethyl Hydroxyethyl Ammonium  
Chloride  
Dimethyl Hydroxyethyl Cetyl Ammonium  
Chloride

## QUATERNIUM-45

RD Number: 977068-40-8

**Definition:** Quaternium-45 is the quaternary ammonium salt that conforms to the formula:

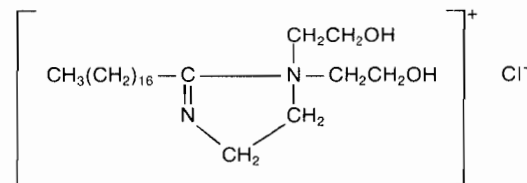


**Other Names:**  
Luminex (Ikeda Bussan Kaisha)

## QUATERNIUM-46

RD Number: 977068-41-9

**Definition:** Quaternium-46 is the quaternary ammonium salt that conforms generally to the formula:

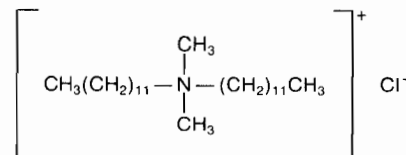


**Other Names:**  
Miramine SH (Miranol)

## QUATERNIUM-47

RD Number: 977068-42-0

**Definition:** Quaternium-47 is the quaternary ammonium salt that conforms to the formula:

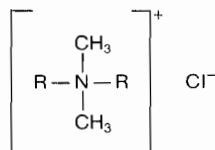


**Other Names:**  
Dilauryl Dimethyl Ammonium Chloride  
Dimethyl Dilauryl Ammonium Chloride

**QUATERNIUM-48**

RD Number: 977068-43-1

**Definition:** Quaternium-48 is the quaternary ammonium salt that conforms to the formula:



where R represents the tallow radical.

**Other Names:**

Armosoft L (*Armak*)  
 Armosoft M (*Armak*)  
 Arquad 2T-75 (*Armak*)  
 Dimethyl Ditalow Ammonium Chloride  
 Ditalow Dimethyl Ammonium Chloride

**QUATERNIUM-49**

RD Number: 977068-88-4

**Definition:** Quaternium-49 is the polymeric quaternary ammonium salt of polydimethylaminoethyl methacrylate quaternized with methyl bromide.

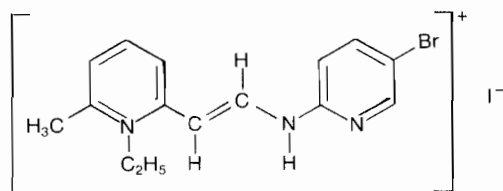
**Other Names:**

Polydimethylaminoethyl methacrylate  
 quaternized with methyl bromide

**QUATERNIUM-51**

CAS Number: 1463-95-2

**Definition:** Quaternium-51 is the quaternary ammonium salt that conforms to the formula:



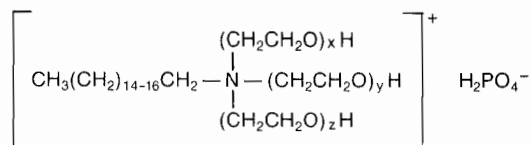
**Other Names:**

Takanal (*Ikeda Bussan Kaisha*)

**QUATERNIUM-52**

RD Number: 977069-63-8

**Definition:** Quaternium-52 is the quaternary ammonium salt that conforms generally to the formula:



where x+y+z has an average value of 10.

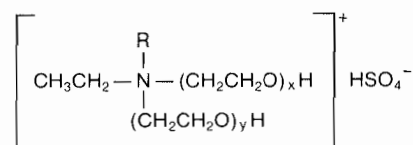
**Other Names:**

Dehyquart SP (*Henkel*)

**QUATERNIUM-54**

RD Number: 977069-64-9

**Definition:** Quaternium-54 is the quaternary ammonium salt that conforms generally to the formula:



where R represents the coconut radical and x+y has an average value of 15.

**Other Names:**

Antaron PC-37 (*GAF*)  
 N-Ethyl-N-Cocoammonium Ethoxylate  
 (15) Sulfate

**QUILLAJA**

RD Number: 977002-27-9

**Definition:** Quillaja is the dried bark of *Quillaja saponaria*.

**Information Sources:** ARG, BP, BPC, EGY, HP, IND, MAR, MI, NED, PF, POR, YUG, 21CFR121.1163

**Other Names:**

Quillaja Bark

**QUINCE SEED**

RD Number: 977051-82-3

**Definition:** Quince Seed is the dried seeds of *Cydonia oblonga*.

**Information Sources:** MAR, MI, 21CFR121.101

**Other Names:**

Cydonia

**RAPESEED OIL**

CAS Number: MX8002-13-9

*Definition:* Rapeseed Oil is the oil expressed from the seeds of *Brassica campestris*.

*Information Sources:* DDR, KOR, MAR, MI, POL, YUG, 21CFR121.2507, 21CFR121.2519, 21CFR121.2535, 21CFR121.2577

**RASPBERRY JUICE**

CAS Number: MX8027-46-1

*Definition:* Raspberry Juice is the liquid expressed from the fresh ripe fruit of varieties of *Rubus ideaus* or *Rubus strigosus*.

*Information Sources:* BPC, MAR, USD, USP XVIII

**RAYON**

CAS Number: PM9006-02-4

*Definition:* Rayon is a composition of synthetic fibers and filaments composed of regenerated cellulose.

*Information Sources:* DDR, MI, USP, 21CFR121.2526, 21CFR121.2535

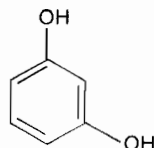
*Other Names:*

B204-8000-10 Rayon Fiber (Claremont)  
C8-8000-10 Rayon Fiber (Claremont)  
C10-8000-10 Rayon Fiber (Claremont)  
C15-8000-10 Rayon Fiber (Claremont)  
Cellulose Regenerated  
Rayon Flock

**RESORCINOL**

CAS Number: 108-46-3

*Definition:* Resorcinol is the aromatic alcohol that conforms to the formula:

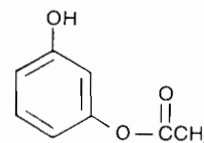


*Information Sources:* ARG, AUS, BP, BPC, BRA, CI 76505, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, YUG, 21CFR121.2550

**RESORCINOL ACETATE**

CAS Number: 102-29-4

*Definition:* Resorcinol Acetate is the monoester of resorcinol and acetic acid. It conforms to the formula:



*Information Sources:* MAR, MI, NF, USD

*Other Names:*

Resorcinol Monoacetate

**RESTHARROW EXTRACT**

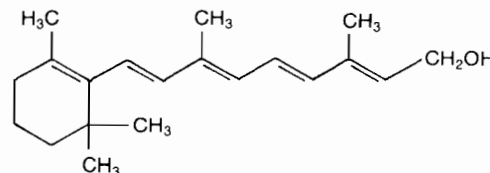
RD Number: 977062-75-1

*Definition:* Restharrow Extract is an extract of the roots of *Ononis spinosa*.

**RETINOL**

CAS Number: 68-26-8

*Definition:* Retinol is the vitamin that conforms to the formula:



*Information Sources:* ARG, BRA, EGY, FCC, MAR, MI, PF, POL, POR, USD, USP, 21CFR121.101

*Other Names:*

Vitamin A

**RETINYL PALMITATE**

CAS Number: 79-81-2

*Definition:* Retinyl Palmitate is the ester of Vitamin A (q.v.) and palmitic acid.

*Information Sources:* CZE, POL, 21CFR121.101

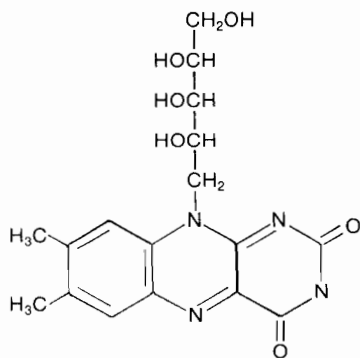
*Other Names:*

Aquapalm No. 63841 (Roche)  
Vitamin A Palmitate

**RIBOFLAVIN**

CAS Number: 83-88-5

*Definition:* Riboflavin is the vitamin that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EEC E101, EGY, EP, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR8.323, 21CFR121.101

### RICE BRAN OIL

**RD Number:** 977021-10-5

**Definition:** Rice Bran Oil is the oil expressed from the broken coat of rice grain.

**Information Sources:** 21CFR121.2519, 21CFR121.2535

### RICE STARCH

**RD Number:** 977000-08-0

**Definition:** Rice Starch is a crystalline polymeric compound obtained from grains of rice. It consists of linear and branched chain polysaccharides.

**Information Sources:** AUS, BEL, BP, BPC, BRA, EGY, EP, FI, IND, ITA, MAR, MEX, SNPF, USSR, YUG

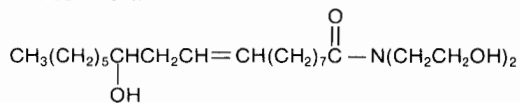
**Other Names:**

Rice Starch BL (*Shawinigan*)  
Rice Starch BLM7 (*Shawinigan*)  
Rice Starch B220 (*Shawinigan*)  
Starch, Rice

### RICINOLEAMIDE DEA

**RD Number:** 977067-35-8

**Definition:** Ricinoleamide DEA is a mixture of ethanolamides of ricinoleic acid. It conforms generally to the formula:



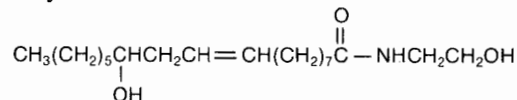
**Other Names:**

Aminol CA-2 (*Finetex*)  
N,N-Bis(2-Hydroxyethyl) Ricinoleamide  
Condensate CA (*Chemical Products*)  
Cyclomide RD (*Witco/Cyclo Div*)  
Diethanolamine Ricinoleic Acid Amide  
Protamide CA (*Protameen*)  
Ricinoleoyl Diethanolamide

### RICINOLEAMIDE MEA

**CAS Number:** 106-16-1

**Definition:** Ricinoleamide MEA is a mixture of ethanolamides of ricinoleic acid. It conforms generally to the formula:



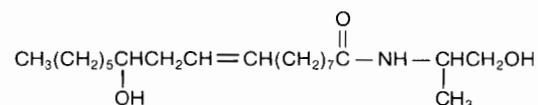
**Other Names:**

Cyclomide RM (*Witco/Cyclo Div*)  
N-(2-Hydroxyethyl) Ricinoleamide  
Monoethanolamine Ricinoleic Acid Amide  
Ricinoleoyl Monoethanolamide

### RICINOLEAMIDE MIPA

**RD Number:** 977069-65-0

**Definition:** Ricinoleamide MIPA is a mixture of monoisopropanolamides of Ricinoleic Acid (q.v.). It conforms generally to the formula:



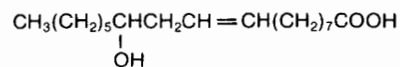
**Other Names:**

Cyclomide RP (*Witco/Cyclo Div*)  
Monoisopropanolamine Ricinoleic Acid Amide  
Ricinoleoyl Monoisopropanolamide

### RICINOLEIC ACID

**CAS Number:** 141-22-0

**Definition:** Ricinoleic Acid is the unsaturated fatty acid that conforms generally to the formula:



**Information Sources:** CTFA, MAR, MI

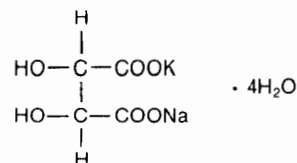
**Other Names:**

P-10 Acids (*NL Industries*)

### ROCHELLE SALT

**CAS Number:** 304-59-6

**Definition:** Rochelle Salt is the organic salt that conforms to the formula:



**Information Sources:** AUS, BPC, CZE, EGY, FCC, HUN, IND, ITA, KOR, MAR, MEX, MI, NF, PF, USD, 21CFR121.101

## Rosemary Extract

### ROSEMARY EXTRACT

RD Number: 977068-84-0

*Definition:* Rosemary Extract is an extract of the leaves of *Rosmarinus officinalis*.

*Information Sources:* HP, MI, 21CFR121.101

### ROSE WATER

RD Number: 977020-71-5

*Definition:* Rose Water is an aqueous solution of the odoriferous principles of flowers of *Rosa centifolia*.

*Information Sources:* ARG, FI, NF, USD

### ROSIN

CAS Number: MX8050-09-7

*Definition:* Rosin is the residue left after distilling off the volatile oil from the oleoresin obtained from *Pinus palustris* and other species of *Pinaceae*

*Information Sources:* CTFA, AUS, EGY, KOR, MAR, MI, NF XIII, PF, PN, USP, YUG, 21CFR121.2520, 21CFR121.2526, 21CFR121.2534, 21CFR121.2550, 21CFR121.2557, 21CFR121.2577, 21CFR121.2592

*Other Names:*

Colophony  
Gum Rosin  
Rosin Gum  
WW Wood Rosin

## Rye Flour

### ROYAL JELLY

CAS Number: MX8031-67-2

*Definition:* Royal Jelly is the pharyngeal secretion of worker bees.

*Information Sources:* MAR, MI

*Other Names:*

Queen Bee Jelly

### RUE OIL

RD Number: 977051-89-0

*Definition:* Rue Oil is the volatile oil distilled from the herb *Ruta graveolens*.

*Information Sources:* FCC, HP, MAR, MI, 21CFR121.101

*Other Names:*

Oil of Rue

### RYE FLOUR

RD Number: 977058-09-5

*Definition:* Rye Flour is a powder prepared by grinding of rye seeds, *Secale cereale*.

*Other Names:*

Flour, Rye



**SACCHARATED LIME**

CAS Number: MX8002-17-3

*Definition:* Saccharated Lime is the reaction product from the oxidation of glyconic acid followed by neutralization with lime.

*Information Sources:* CTFA, MI

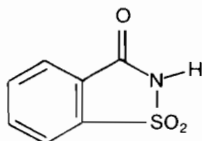
*Other Names:*

Calcium Saccharate

**SACCHARIN**

CAS Number: 81-07-2

*Definition:* Saccharin is the organic compound that conforms to the formula:



*Information Sources:* ARG, BP, BPC, BRA, DA, EGY, FCC, IND, ITA, MAR, MI, PF, PN, POR, ROM, USD, USP, 21CFR121.4001

**SAFFLOWER GLYCERIDE**

RD Number: 977058-10-8

*Definition:* Safflower Glyceride is the monoglyceride derived from refined safflower oil.

*Other Names:*

Myverol 18-98 (*Eastman*)

Safflower Oil Monoglyceride

**SAFFLOWER OIL**

CAS Number: MX8001-23-8

*Definition:* Safflower Oil is the oily liquid obtained from the seeds of *Carthamus tinctorius*. It consists principally of the triglycerides of linoleic acid.

*Information Sources:* CTFA, MAR, MI, PJ

**SAGE EXTRACT**

*Definition:* Sage Extract is an extract of the leaves of various species of *Salvia*.

*Information Sources:* DDR, HP, 21CFR121.101

**SAGE OIL**

CAS Number: MX8022-56-8

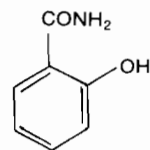
*Definition:* Sage Oil is the essential oil derived from the herbal plant, *Salvia officinalis*.

*Information Sources:* DDR, FCC, NED, SNPF, 21CFR121.101

**SALICYLAMIDE**

CAS Number: 65-45-2

*Definition:* Salicylamide is the aromatic amide that conforms to the formula:

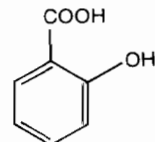


*Information Sources:* CZE, DDR, HUN, KOR, MAR, MI, NFXIII, PJ, ROM, USD

**SALICYLIC ACID**

CAS Number: 69-72-7

*Definition:* Salicylic Acid is the aromatic acid that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NED, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.2514, 21CFR121.2520

*Other Names:*

o-Hydroxybenzoic Acid

**SAMBUCUS**

RD Number: 977002-47-3

*Definition:* Sambucus is a plant material obtained from one or more species of *Sambucus*.

*Information Sources:* DA, HP, MI, POL, POR, ROM, USSR, YUG, 21CFR121.101, 21CFR121.1163

*Other Names:*

Elder Flowers

**SAMBUCUS EXTRACT**

*Definition:* Sambucus Extract is an extract derived from various species of *Sambucus*.

*Information Sources:* HP, POL, 21CFR121.101, 21CFR121.1163

*Other Names:*  
Elder Flower Extract

**SAMBUCUS OIL**

*Definition:* Sambucus Oil is the volatile oil obtained from the flowers of *Sambucus canadensis* or *Sambucus nigra*.

*Information Sources:* 21CFR121.101

**SANDALWOOD**

*Definition:* Sandalwood is a plant material obtained from *Santalum album*.

*Information Sources:* HP, 21CFR121.1163

*Other Names:*  
Sandalwood Resin

**SANDALWOOD OIL**

*Definition:* Sandalwood Oil is the volatile oil obtained from the heartwood of *Santalum album*.

*Information Sources:* EGY, FCC, HP, MAR, MI, POR, 21CFR121.1163

**SANDARAC GUM**

*CAS Number:* PM9000-57-1

*Definition:* Sandarac Gum is the resin from *Callitris quadrivalvis*. It contains approximately 80% pimaric acid and 10% callitrolic acid.

*Information Sources:* MAR, MI, 21CFR121.2514, 21CFR121.2520

*Other Names:*  
Gum Sandarac

**SANGUINARIA**

*RD Number:* 977002-48-4

*Definition:* Sanguinaria is a natural material derived from the dried rhizome and roots of *Sanguinaria canadensis*.

*Information Sources:* HP, MI

**SANGUINARIA EXTRACT**

*RD Number:* 977071-54-7

*Definition:* Sanguinaria Extract is an extract of the rhizomes and roots of *Sanguinaria canadensis*.

*Information Sources:* HP, MI

*Other Names:*  
Bloodroot Extract

**SAPONINS**

*CAS Number:* 11006-75-0

*Definition:* Saponins are a class of water soluble high molecular weight glycosidal substances naturally occurring in a wide variety of plants.

*Information Sources:* MI

**SASSAFRAS OIL**

*CAS Number:* MX8006-80-2

*Definition:* Sassafras Oil is the volatile oil obtained from the root of *Sassafras albidum*. It contains approximately 80% safrol.

*Information Sources:* BRA, MAR, MI, PF, POR

*Other Names:*  
Oil of Sassafras

**SD ALCOHOL 1**

*RD Number:* 977021-58-1

*Definition:* SD Alcohol 1 is ethyl alcohol denatured in accordance with 27CFR212.16.

*Information Sources:* 27CFR

**SD ALCOHOL 3-A**

*RD Number:* 977021-59-2

*Definition:* SD Alcohol 3-A is ethyl alcohol denatured in accordance with 27CFR212.19.

*Information Sources:* 27CFR

**SD ALCOHOL 3-B**

*RD Number:* 977021-61-6

*Definition:* SD Alcohol 3-B is ethyl alcohol denatured in accordance with 27CFR212.20.

*Information Sources:* 27CFR

**SD ALCOHOL 12-A**

*RD Number:* 977021-62-7

*Definition:* SD Alcohol 12-A is ethyl alcohol denatured in accordance with 27CFR212.23.

*Information Sources:* 27CFR

**SD ALCOHOL 22**

*Definition:* SD Alcohol 22 is ethyl alcohol denatured in accordance with 27CFR212.29.

*Information Sources:* 27CFR

**SD ALCOHOL 23-A***RD Number: 977021-64-9**Definition: SD Alcohol 23-A is ethyl alcohol denatured in accordance with 27CFR212.30.**Information Sources: 27CFR***SD ALCOHOL 23-F***RD Number: 977021-65-0**Definition: SD Alcohol 23-F is ethyl alcohol denatured in accordance with 27CFR212.31.**Information Sources: 27CFR***SD ALCOHOL 23-H***RD Number: 977021-66-1**Definition: SD Alcohol 23-H is ethyl alcohol denatured in accordance with 27CFR212.32.**Information Sources: 27CFR***SD ALCOHOL 27-B***RD Number: 977021-67-2**Definition: SD Alcohol 27-B is ethyl alcohol denatured in accordance with 27CFR212.37.**Information Sources: 27CFR***SD ALCOHOL 30***RD Number: 977021-68-3**Definition: SD Alcohol 30 is ethyl alcohol denatured in accordance with 27CFR212.40.**Information Sources: 27CFR***SD ALCOHOL 31-A***RD Number: 977021-69-4**Definition: SD Alcohol 31-A is ethyl alcohol denatured in accordance with 27CFR212.41.**Information Sources: 27CFR***SD ALCOHOL 36***RD Number: 977021-70-7**Definition: SD Alcohol 36 is ethyl alcohol denatured in accordance with 27CFR212.46.**Information Sources: 27CFR***SD ALCOHOL 37***RD Number: 977021-71-8**Definition: SD Alcohol 37 is ethyl alcohol denatured in accordance with 27CFR212.47.**Information Sources: 27CFR***SD ALCOHOL 38-B***RD Number: 977021-72-9**Definition: SD Alcohol 38-B is ethyl alcohol denatured in accordance with 27CFR212.48**Information Sources: 27CFR***SD ALCOHOL 38-C***RD Number: 977021-73-0**Definition: SD Alcohol 38-C is ethyl alcohol denatured in accordance with 27CFR212.49.**Information Sources: 27CFR***SD ALCOHOL 38-D***RD Number: 977021-74-1**Definition: SD Alcohol 38-D is ethyl alcohol denatured in accordance with 27CFR212.50.**Information Sources: 27CFR***SD ALCOHOL 38-F***RD Number: 977021-75-2**Definition: SD Alcohol 38-F is ethyl alcohol denatured in accordance with 27CFR212.51.**Information Sources: 27CFR***SD ALCOHOL 39***RD Number: 977021-76-3**Definition: SD Alcohol 39 is ethyl alcohol denatured in accordance with 27CFR212.52.**Information Sources: 27CFR***SD ALCOHOL 39-A***RD Number: 977021-77-4**Definition: SD Alcohol 39-A is ethyl alcohol denatured in accordance with 27CFR212.53.**Information Sources: 27CFR***SD ALCOHOL 39-B***RD Number: 977021-72-9**Definition: SD Alcohol 39-B is ethyl alcohol denatured in accordance with 27CFR212.54.**Information Sources: 27CFR***SD ALCOHOL 39-C***RD Number: 977021-79-6**Definition: SD Alcohol 39-C is ethyl alcohol denatured in accordance with 27CFR212.55.**Information Sources: CTFA, 27CFR*

**SD ALCOHOL 39-D**

RD Number: 977021-80-9

*Definition:* SD Alcohol 39-D is ethyl alcohol denatured in accordance with 27CFR212.56.

*Information Sources:* 27CFR

**SD ALCOHOL 40**

RD Number: 977021-81-0

*Definition:* SD Alcohol 40 is ethyl alcohol denatured in accordance with 27CFR212.57.

*Information Sources:* 27CFR

**SD ALCOHOL 40-A**

RD Number: 977021-82-1

*Definition:* SD Alcohol 40-A is ethyl alcohol denatured in accordance with 27CFR212.58.

*Information Sources:* 27CFR

**SD ALCOHOL 40-B**

RD Number: 977021-83-2

*Definition:* SD Alcohol 40-B is ethyl alcohol denatured in accordance with 27CFR212.58a.

*Information Sources:* 27CFR

**SD ALCOHOL 40-C**

RD Number: 977021-84-3

*Definition:* SD Alcohol 40-C is ethyl alcohol denatured in accordance with 27CFR212.58b.

*Information Sources:* 27CFR

**SD ALCOHOL 46**

RD Number: 977058-11-9

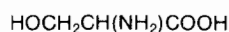
*Definition:* SD Alcohol 46 is ethyl alcohol denatured in accordance with 27CFR212.62.

*Information Sources:* 27CFR

**SERINE**

CAS Number: (DL Form) 302-84-1  
(L Form) 56-45-1

*Definition:* Serine is the amino acid that conforms to the formula:



*Information Sources:* CTFA, FCC, MI,  
21CFR121.101, 21CFR121.1002

*Other Names:*  
2-Amino-3-Hydroxypropionic Acid

**SERPENTARIA EXTRACT**

*Definition:* Serpentaria Extract is an extract of the rhizomes of *Aristolochia clematitis*.

*Information Sources:* HP, MI, 21CFR121.1163

*Other Names:*

Aristolochia Extract  
Birthwort Extract

**SESAME OIL**

CAS Number: MX8008-74-0

*Definition:* Sesame Oil is the oil obtained from the seeds of *Sesamum indicum*.

*Information Sources:* ARG, AUS, BEL, BP1971, BPC1971, EGY, FI, IND, ITA, MAR, MEX, MI, USD, USP, WHO, 21CFR121.101

*Other Names:*

Gingilli Oil

**SESAME SEED**

RD Number: 977052-01-9

*Definition:* Sesame Seed is the dried seeds of *Sesamum indicum*.

*Information Sources:* 21CFR121.101

**SHARK LIVER OIL**

RD Number: 977002-56-4

*Definition:* Shark Liver Oil is the oil expressed from the fresh livers of several species of shark, including *Galeorhinus zyopterus* and *Hypoprion brevirostris*.

*Information Sources:* IND, MAR, 21CFR121.2535

**SHELLAC**

CAS Number: PM9000-59-3

*Definition:* Shellac is a resinous excretion of the insect *Laccifer (Tachardia) lacca*.

*Information Sources:* CTFA, BPC1963, MAR, MI, 21CFR121.2514, 21CFR121.2520, 27CFR212.90

*Other Names:*

Shellac Orange S-40

**SILICA**

RD Number: 977052-02-0

*Definition:* Silica is the inorganic oxide that conforms to the formula:



*Information Sources:* CTFA, DDR, HUN, ITA, MAR, MI, 21CFR121.101, 21CFR121.229, 21CFR121.1058, 21CFR121.1099,

## Silica (Cont.)

21CFR121.2507, 21CFR121.2514,  
21CFR121.2519, 21CFR121.2557,  
21CFR121.2562, 21CFR121.2576

### Other Names:

Aerosil 200 (*Degussa*)  
Cab-O-Grip II (*Cabot*)  
Cab-O-Sil HS-5 (*Cabot*)  
Cab-O-Sil M-5 (*Cabot*)  
Cab-O-Sil MS-7 (*Cabot*)  
Silicon Dioxide  
Silicon Dioxide, Fumed

## SILK POWDER

CAS Number: PM9009-99-8

*Definition:* Silk Powder is a color additive derived from finely pulverized silk.

*Information Sources:* 21CFR8.502

## SILVER

CAS Number: 7440-22-4

*Definition:* Silver is a metallic element.

*Information Sources:* AUS, CI77820  
HP, HUN, M3, MAR, MI, SWE

### Other Names:

C-Pigment 2 (*Germany*)  
Germany: C-Pigment 2  
Silver (*Sweden*)  
Sweden: Silver

## SILVER NITRATE

CAS Number: 7761-88-8

*Definition:* Silver Nitrate is the inorganic salt that conforms to the formula:



*Information Sources:* AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR121.2505

## SILVER SULFATE

CAS Number: 10294-26-5

*Definition:* Silver Sulfate is the inorganic salt that conforms to the formula:



*Information Sources:* MI

## SIMETHICONE

CAS Number: MX8050-81-5

## Sodium Alum

*Definition:* Simethicone is a mixture of Dimethicone (q.v.) with an average chain length of 200 to 350 dimethylsiloxane units and silica gel.

*Information Sources:* MAR, MI, NF, USAN, USD

### Other Names:

Antifoam A Compound (*Dow Corning*)  
Antifoam AF Emulsion (*Dow Corning*)  
Antifoam C Emulsion (*Dow Corning*)  
Antifoam FG-10 Emulsion (*Dow Corning*)  
Dow Corning Antifoam FG-10 Emulsion (*Dow Corning*)  
Dow Corning Medical Antifoam Compound (*Dow Corning*)  
Dow Corning Medical Antifoam AF Emulsion (*Dow Corning*)  
Dow Corning Medical Antifoam C Emulsion (*Dow Corning*)

## SISAL

RD Number: 977058-12-0

*Definition:* Sisal is a natural plant material derived from *Agave sisalana*.

*Information Sources:* MI

### Other Names:

Agave Lechuguilla

## SISAL EXTRACT

*Definition:* Sisal Extract is an extract derived from *Agave sisalana*.

## SLIPPERY ELM BARK

RD Number: 977001-00-5

*Definition:* Slippery Elm Bark is the dried inner bark of *Ulmus fulva*.

*Information Sources:* MAR

## SODIUM ACETATE

CAS Number: 127-09-3

*Definition:* Sodium Acetate is the sodium salt of acetic acid that conforms to the formula:



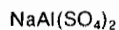
*Information Sources:* BP, BPC, BRA, DDR, EGY, FCC, HUN, MAR, MI, NED, NFXIII, USD, USP, 21CFR121.101, 21CFR121.1088

## SODIUM ALUM

CAS Number: 7784-28-3

*Definition:* Sodium Alum is the inorganic salt that conforms to the formula:

## Sodium Alum (Cont.)



*Information Sources:* FCC, MI, 21CFR121.2520

### *Other Names:*

Aluminum Sodium Sulfate  
Sodium Aluminum Sulfate

## SODIUM ALUMINUM CHLOROHYDROXY LACTATE

*CAS Number:* MX8038-93-5

*Definition:* Sodium Aluminum Chlorohydroxy Lactate is the sodium salt of a complex of lactic acid and aluminum chlorohydrate.

*Information Sources:* CTFA

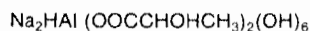
### *Other Names:*

Chloracel (*Reheis*)

## SODIUM ALUMINUM LACTATE

*RD Number:* 977058-13-1

*Definition:* Sodium Aluminum Lactate is a complex salt of sodium and aluminum lactates. It conforms generally to the formula:



*Information Sources:* CTFA

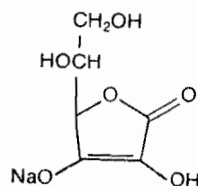
### *Other Names:*

Wickenol 340 (*Wickhen*)

## SODIUM ASCORBATE

*CAS Number:* 134-03-2

*Definition:* Sodium Ascorbate is the sodium salt of ascorbic acid that conforms to the formula:

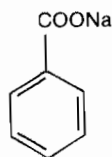


*Information Sources:* FCC, MAR, MI, USP, 21CFR121.101

## SODIUM BENZOATE

*CAS Number:* 532-32-1

*Definition:* Sodium Benzoate is the sodium salt of benzoic acid that conforms to the formula:



## Sodium Borate

*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, YUG, 21CFR121.2005

## SODIUM BICARBONATE

*CAS Number:* 144-55-8

*Definition:* Sodium Bicarbonate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PN, POR, ROM, USD, USP, YUG, 21CFR121.101

### *Other Names:*

Baking Soda  
Bicarbonate of Soda

## SODIUM BISULFATE

*CAS Number:* 7681-38-1

*Definition:* Sodium Bisulfate is the inorganic salt that conforms to the formula:



*Information Sources:* FCC, MI, NFJ, 21CFR121.2520

## SODIUM BISULFITE

*CAS Number:* 7631-90-5

*Definition:* Sodium Bisulfite is the inorganic salt that conforms to the formula:



*Information Sources:* BRA, FCC, MI, POR, USD, USP, 21CFR121.101

### *Other Names:*

Sodium Acid Sulfite

## SODIUM BORATE

*CAS Number:* 1303-96-4

*Definition:* Sodium Borate is the inorganic salt that conforms generally to the formula:



*Information Sources:* CTFA, ARG, AUS, BP, PBC, BRA, CZE, DA, DDR, EGY, EP, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, POR, ROM, SNPF, USD, USP, WHO, 21CFR121.2520, 21CFR121.2535, 21CFR121.2571

## Sodium Borate (Cont.)

### Other Names:

Borax  
Borax Granular  
Puffed Borax  
Sodium Tetraborate

## SODIUM BROMATE

CAS Number: 7789-38-0

*Definition:* Sodium Bromate is the inorganic salt that conforms to the formula:



*Information Sources:* CTFA, CZE, MI

## SODIUM C12-15 ALCOHOLS SULFATE

RD Number: 977067-40-5

*Definition:* Sodium C12-15 Alcohols Sulfate is the sodium salt of the sulfate of C12-15 Alcohols (q.v.).

### Other Names:

Avirol 115 Special (*Henkel*)  
Standapol WAQ 115 (*Henkel*)

## SODIUM C4-12 OLEFIN/MALEIC ACID COPOLYMER

RD Number: 977067-42-7

*Definition:* Sodium C4-12 Olefin/Maleic Acid Copolymer is a sodium salt of a polymer synthesized from C4-12 olefins and maleic anhydride.

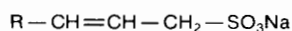
### Other Names:

Demol EP (*Kao Atlas*)

## SODIUM C14-16 OLEFIN SULFONATE

RD Number: 977067-41-6

*Definition:* Sodium C14-16 Olefin Sulfonate is a mixture of sodium alkene sulfonates that conforms generally to the formula:



where R represents C11-C13 hydrocarbon group.

### Other Names:

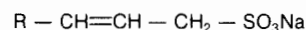
Bio Terge AS-40 (*Stepan*)  
Bio Terge AS-90F (*Stepan*)  
Sulframin 14-16 AOS Flakes (*Witco*)  
Sulframin 14-16 AOS Slurry (*Witco*)  
Ultrawet AOK (*ARCO*)

## SODIUM C16-18 OLEFIN SULFONATE

RD Number: 977067-81-4

*Definition:* Sodium C16-18 Olefin Sulfonate is a mixture of sodium alkene sulfonates that conforms generally to the formula:

## Sodium Carbonate Peroxide



where R represents C13-15 hydrocarbon group.

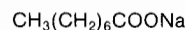
### Other Names:

Sulframin 16-18 AOS Flakes (*Witco*)  
Sulframin 16-18 AOS Slurry (*Witco*)

## SODIUM CAPRYLATE

CAS Number: 1984-06-1

*Definition:* Sodium Caprylate is the sodium salt of caprylic acid that conforms to the formula:



*Information Sources:* CTFA, MAR, 21CFR121.1071

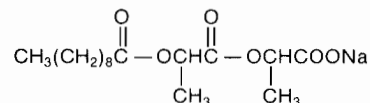
### Other Names:

Sodium n-Octoate

## SODIUM CAPRYL LACTYLATE

RD Number: 977067-37-0

*Definition:* Sodium Capryl Lactylate is the sodium salt of the capryl ester of lactyl lactate. It conforms generally to the formula:



### Other Names:

R-122A (*Patterson*)

## SODIUM CARBONATE

CAS Number: 497-19-8

*Definition:* Sodium Carbonate is the inorganic salt that conforms to the formula:



*Information Sources:* CTFA, ARG, AUS, BPC, BRA, DA, DDR, EGY, FCC, FIN, HP, HUN, IND, ITA, MAR, MI, PF, PJ, PN, POR, ROM, USD, USP, YUG, 21CFR121.101, 21CFR121.1008

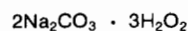
### Other Names:

Soda Ash

## SODIUM CARBONATE PEROXIDE

RD Number: 977058-14-2

*Definition:* Sodium Carbonate Peroxide is the inorganic salt that conforms to the formula:

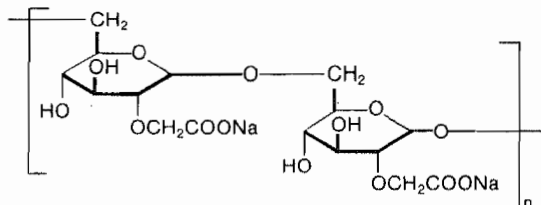


## Sodium Carboxymethyl Dextran

### SODIUM CARBOXYMETHYL DEXTRAN

RD Number: 977068-44-2

**Definition:** Sodium Carboxymethyl Dextran is the sodium salt of a polycarboxymethyl ether of Dextran (q.v.). It conforms generally to the formula:



### SODIUM CARRAGEENAN

RD Number: 977007-70-7

**Definition:** Sodium Carrageenan is the sodium salt of Carrageenan (q.v.)

**Information Sources:** CTFA, MI, 21CFR121.1067

**Other Names:**

Sodium Carrageenate  
Viscarin (*Marine Colloids*)  
Viscarin TP-4 (*Marine Colloids*)

### SODIUM CASEINATE

CAS Number: PM9005-46-3

**Definition:** Sodium Caseinate is a soluble form of Milk Protein (q.v.) in which the weakly acidic casein is partially neutralized with sodium hydroxide.

**Information Sources:** NED, 21CFR121.101

### SODIUM CASTORATE

RD Number: 977067-38-1

**Definition:** Sodium Castorate is the sodium salt of the fatty acids derived from Castor Oil (q.v.).

**Information Sources:** 21CFR121.2519,  
21CFR121.2531, 21CFR121.2535,  
21CFR121.2557

### SODIUM CELLULOSE SULFATE

CAS Number: PM9005-22-5

**Definition:** Sodium Cellulose Sulfate is the sodium salt of sulfated Cellulose (q.v.).

**Other Names:**

Kelco SCS (*Kelco*)

### SODIUM CETEARYL SULFATE

RD Number: 977058-15-3

**Definition:** Sodium Cetearyl Sulfate is the sodium salt of a mixture of cetyl and stearyl sulfate. It conforms generally to the formula:

## Sodium Citrate



where n has a value of 14 and 16.

**Information Sources:** CTFA, AUS, BEL, MAR

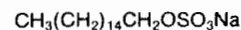
**Other Names:**

Dehydag Wax E (*Henkel*)  
Sodium Cetostearyl Sulfate  
Sodium Cetyl/Stearyl Sulfate  
Standapol E Conc (*Henkel*)

### SODIUM CETYL SULFATE

CAS Number: 1120-01-0

**Definition:** Sodium Cetyl Sulfate is the sodium salt of cetyl sulfate that conforms to the formula:



**Information Sources:** CZE, ROM, 21CFR121.2550

**Other Names:**

Avitex C (*DuPont*)  
Avitex S.F. (*DuPont*)  
Conco Sulfate C (*Continental Chemical*)  
Duponol W (*DuPont*)  
Sipex EC-111 (*Alcolac*)

### SODIUM CHLORIDE

CAS Number: 7647-14-5

**Definition:** Sodium Chloride is the inorganic salt that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.101

**Other Names:**

Rock Salt  
Salt

### SODIUM CHONDROITIN SULFATE

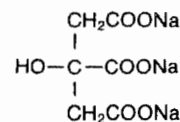
RD Number: 977068-45-3

**Definition:** Sodium Chondroitin Sulfate is a derivative of a natural mucopolysaccharide.

### SODIUM CITRATE

CAS Number: 68-04-2

**Definition:** Sodium Citrate is the sodium salt of citric acid that conforms to the formula:





## Sodium Citrate (Cont.)

*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.101, 21CFR121.2005, 21CFR121.2514

*Other Names:*

Trisodium Citrate

## SODIUM COCAMINOPROPIONATE

*CAS Number:* MX8033-69-0

*Definition:* Sodium Cocaminopropionate is the sodium salt of a substituted propionic acid. It conforms generally to the formula:



where R represents the coconut fatty radical.

*Information Sources:* CTFA

*Other Names:*

Deriphath 151 (*General Mills*)  
Sodium N-Coco- $\beta$ -Aminopropionate

## SODIUM COCOATE

*RD Number:* 977059-09-8

*Definition:* Sodium Cocoate is the sodium salt of Coconut Acid (q.v.).

*Information Sources:* 21CFR121.2531, 21CFR121.2535

## SODIUM COCO-HYDROLYZED ANIMAL PROTEIN

*RD Number:* 977068-46-4

*Definition:* Sodium Coco-Hydrolyzed Animal Protein is the sodium salt of the condensation product of Coconut Acid (q.v.) and Hydrolyzed Animal Protein (q.v.).

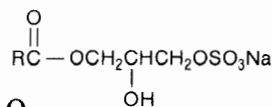
*Other Names:*

Maypon SK (*Stepan*)

## SODIUM COCOMONOGLYCERIDE SULFATE

*RD Number:* 977061-06-5

*Definition:* Sodium Cocomonoglyceride Sulfate is the compound that conforms generally to the formula:



where RC- represents the coconut acid radical.

*Other Names:*

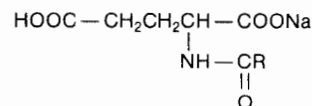
Poem-LS-90 (*Riken Vitamin Oil*)  
Sodium Coconut Monoglyceride Sulfate

## Sodium Cumene Sulfonate

### SODIUM COCOYL GLUTAMATE

*RD Number:* 977067-39-2

*Definition:* Sodium Cocoyl Glutamate is the sodium salt of the coconut acid amide of glutamic acid. It conforms generally to the formula:



where  $\text{RC} -$  represents the coconut acid radical.

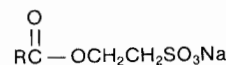
*Other Names:*

Amisoft CS-11 (*Ajinomoto*)

### SODIUM COCOYL ISETHIONATE

*RD Number:* 977059-00-9

*Definition:* Sodium Cocoyl Isethionate is the sodium salt of the coconut fatty acid ester of isethionic acid. It conforms generally to the formula:



where  $\text{RC} -$  represents the coconut acid radical.

*Information Sources:* CTFA

*Other Names:*

Igepon AC-78 (*GAF*)

### SODIUM COCOYL SARCOSINATE

*RD Number:* 977058-16-4

*Definition:* Sodium Cocoyl Sarcosinate is the sodium salt of Cocoyl Sarcosine (q.v.).

*Information Sources:* SNPF

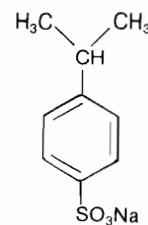
*Other Names:*

Hamposyl C-30 (*Hampshire*)  
Sarkosine KA Conc (*American Hoechst*)  
Sodium N-Cocoyl Sarcosinate

### SODIUM CUMENE SULFONATE

*CAS Number:* 32073-22-6

*Definition:* Sodium Cumene Sulfonate is the substituted aromatic compound that conforms generally to the formula:



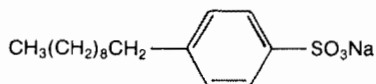
## Sodium Cumene Sulfonate (Cont.)

*Other Names:*  
Ultra SCS (Witco)

## SODIUM DECYLBENZENE SULFONATE

*CAS Number:* 1322-98-1

*Definition:* Sodium Decylbenzene Sulfonate is the substituted aromatic compound that conforms generally to the formula:



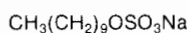
*Information Sources:* 21CFR121.2514,  
21CFR121.2526, 21CFR121.2550,  
21CFR121.2562

*Other Names:*  
Ultrawet DS (ARCO)

## SODIUM DECYL SULFATE

*CAS Number:* 142-87-0

*Definition:* Sodium Decyl Sulfate is the sodium salt of decyl sulfate that conforms generally to the formula:



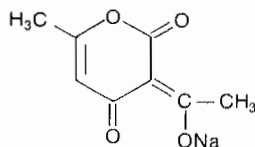
*Information Sources:* 21CFR121.2520,  
21CFR121.2550

*Other Names:*  
Emersal 6462 (Malmstrom)  
Standapol 110 (Henkel)

## SODIUM DEHYDROACETATE

*CAS Number:* 4418-26-2

*Definition:* Sodium Dehydroacetate is the heterocyclic compound that conforms generally to the formula:



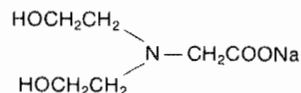
*Information Sources:* CTFA, FCC, SNPF,  
21CFR121.2520

## SODIUM DIHYDROXY-ETHYLGLYCINATE

*RD Number:* 977058-17-5

*Definition:* Sodium Dihydroxyethylglycinate is the salt of the substituted amino acid that conforms to the formula:

## Sodium Erythorbate



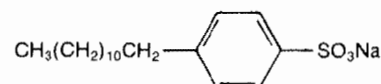
*Information Sources:* CTFA

*Other Names:*  
Hampshire DEG (Hampshire)  
Sodium N,N-Bis-2-Hydroxyethyl Glycinate

## SODIUM DODECYLBENZENESULFONATE

*CAS Number:* 25155-30-0

*Definition:* Sodium Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



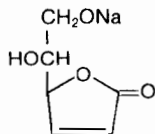
*Information Sources:* MI, 21CFR121.2507,  
21CFR121.2514, 21CFR121.2534,  
21CFR121.2535, 21CFR121.2562,  
21CFR121.2569, 21CFR121.2591

*Other Names:*  
Bio Soft D-35X (Stepan)  
Bio Soft D-40 (Stepan)  
Bio Soft D-60 (Stepan)  
Bio Soft D-62 (Stepan)  
Calsoft F-90 (Pilot)  
Calsoft L-40 (Pilot)  
Calsoft L-60 (Pilot)  
Conco AAS-35 (Continental Chemical)  
Conco AAS-40 (Continental Chemical)  
Conco AAS-65 (Continental Chemical)  
Conco AAS-90 (Continental Chemical)  
Mercol 25 (Theobald)  
Mercol 30 (Theobald)  
Nacconol 35SL (Stepan)  
Nacconol 40F (Stepan)  
Nacconol 90F (Stepan)  
Richonate 45B (Richardson)  
Richonate 60B (Richardson)  
Richonate 1850 (Richardson)  
Sodium Lauryl Benzene Sulfonate  
Sulframin 40 Flakes (Witco)  
Sulframin 40 Granular (Witco)  
Sulframin 40RA (Witco)  
Sulframin 85 (Witco)  
Sulframin 90 Flakes (Witco)  
Sulframin 1238 Slurry (Witco)  
Sulframin 1250 Slurry (Witco)  
Ultrawet K (ARCO)  
Ultrawet 60K (ARCO)

## SODIUM ERYTHORBATE

*RD Number:* 977052-06-4

*Definition:* Sodium Erythorbate is the sodium salt of erythorbic acid that conforms to the formula:



*Information Sources:* CTFA, FCC, MAR, MI

*Other Names:*

Sodium Isoascorbate

## SODIUM FLUORIDE

*CAS Number:* 7681-49-4

*Definition:* Sodium Fluoride is the inorganic salt that conforms to the formula:



*Information Sources:* AUS, BP, BPC, CZE, DDR, HP, HUN, MAR, MI, PN, ROM, USD, USP, 21CFR121.2520, 21CFR121.2535

## SODIUM GLYCERYL OLEATE PHOSPHATE

*RD Number:* 977067-44-9

*Definition:* Sodium Glyceryl Oleate Phosphate is the sodium salt of the phosphorylated ester of glyceryl monooleate.

*Other Names:*

Emphos D70-30C (*Witco*)

## SODIUM HEXAMETAPHOSPHATE

*CAS Number:* 10124-56-8

*Definition:* Sodium Hexametaphosphate is the inorganic salt that conforms generally to the formula:



*Information Sources:* CTFA, FCC, MI, 21CFR121.101, 21CFR121.1088

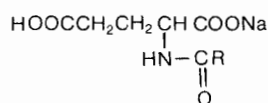
*Other Names:*

Calgon (*Merck*)

## SODIUM HYDROGENATED TALLOW GLUTAMATE

*RD Number:* 977067-45-0

*Definition:* Sodium Hydrogenated Tallow Glutamate is the sodium salt of the hydrogenated tallow acid amide of glutamic acid. It conforms generally to the formula:



where  $\text{RC}-$  represents the hydrogenated tallow radicals.

*Other Names:*

Amisoft HS-11 (*Ajinomoto*)

## SODIUM HYDROSULFITE

*CAS Number:* 7775-14-6

*Definition:* Sodium Hydrosulfite is the inorganic salt that conforms to the formula:



*Information Sources:* CTFA, MI, 21CFR121.101, 21CFR121.2535

*Other Names:*

Sodium Dithionate

## SODIUM HYDROXIDE

*CAS Number:* 1310-73-2

*Definition:* Sodium Hydroxide is the inorganic base that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, DA, DDR, EGY, FCC, FIN, HP, HUN, IND, MAR, MEX, MI, PJ, PN, POR, USD, USP, YUG, 21CFR121.101, 21CFR121.1088, 27CFR212.73a

*Other Names:*

Caustic Soda

## SODIUM IODATE

*CAS Number:* 7681-55-2

*Definition:* Sodium Iodate is the inorganic salt that conforms to the formula:



*Information Sources:* MI

## SODIUM IODIDE

*CAS Number:* 7681-82-5

*Definition:* Sodium Iodide is the inorganic salt that conforms to the formula:



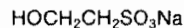
*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG

## Sodium Isethionate

### SODIUM ISETHIONATE

CAS Number: 1562-00-1

*Definition:* Sodium Isethionate is the organic salt that conforms to the formula:



*Information Sources:* CTFA

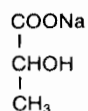
*Other Names:*

Sodium 2-Hydroxyethanesulfonic Acid

### SODIUM LACTATE

CAS Number: 72-17-3

*Definition:* Sodium Lactate is the sodium salt of lactic acid that conforms to the formula:

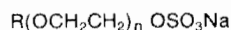


*Information Sources:* CTFA, MAR, MI, PN, USP

### SODIUM LANETH SULFATE

RD Number: 977067-46-1

*Definition:* Sodium Laneth Sulfate is the sodium salt of sulfated ethoxylated lanolin alcohol that conforms generally to the formula:



where R represents the lanolin alcohol radical and n averages between 1 and 4.

*Information Sources:* CTFA

*Other Names:*

Sodium Polyoxyethylene Lanolin Ether Sulfate

### SODIUM LAURAMINOPROPIONATE

RD Number: 977058-18-6

*Definition:* Sodium Lauraminopropionate is the sodium salt of a substituted propionic acid. It conforms generally to the formula:



*Other Names:*

Deriphath 170 (*General Mills*)

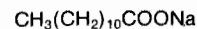
Sodium N-Lauryl, Myristyl- $\beta$ -Aminopropionic Acid

### SODIUM LAURATE

CAS Number: 629-25-4

*Definition:* Sodium Laurate is the sodium salt of lauric acid that conforms generally to the formula:

## Sodium Laureth Sulfate



*Information Sources:* 21CFR121.1071, 21CFR121.2531

### SODIUM LAURETH-4 PHOSPHATE

RD Number: 977067-47-2

*Definition:* Sodium Laureth-4 Phosphate is the sodium salt of a complex mixture of phosphate esters of Laureth-4 (q.v.).

*Information Sources:* CTFA, SNPF

*Other Names:*

Sodium Polyoxyethylene (4) Lauryl Ether Phosphate

### SODIUM LAURETH SULFATE

CAS Number: 1335-72-4

*Definition:* Sodium Laureth Sulfate is the sodium salt of sulfated ethoxylated lauryl alcohol that conforms generally to the formula:



where n averages between 1 and 4.

*Information Sources:* CTFA, SNPF

*Other Names:*

Calfoam ES-30 (*Pilot*)

Carsonol SES-S (*Carson*)

Carsonol SLES (*Carson*)

Carsonol SLES-2 (*Carson*)

Conco Sulfate WE (*Continental Chemical*)

Conco Sulfate 219 (*Continental Chemical*)

Conco Sulfate 219 Special (*Continental Chemical*)

Cycloryl NA (*Cyclo*)

Cycloryl NA (*Witco/Cyclo Div*)

Cycloryl NA 61 (*Cyclo*)

Emersal 6453 (*Malmstrom*)

Empicol ESB30 (*Marchon*)

Genapol LRO Liquid (*American Hoechst*)

Genapol LRO Paste (*American Hoechst*)

Maprofix ES (*Onyx*)

Maprofix ESY (*Onyx*)

Maprofix 60S (*Onyx*)

Rewopol NL 2 (*Rewo*)

Richonol S-1285 (*Richardson*)

Richonol S-5260 (*Richardson*)

Sipon ES (*Alcolac*)

Sipon ESY (*Alcolac*)

Sodium Lauryl Ether Sulfate

Sodium Polyoxyethylene Lauryl Sulfate

Standapol ES 1 (*Henkel*)

Standapol ES 2 (*Henkel*)

Standapol ES 3 (*Henkel*)

Standapol 125E (*Henkel*)

Steol CS-125 (*Stepan*)

Steol CS-460 (*Stepan*)

Steol 4N (*Stepan*)

## Sodium Laureth Sulfate (Cont.)

Sterling Super A (Canada Packers)  
Texapon Extract N25 (Henkel)  
Texapon Extract N40 (Henkel)

### SODIUM LAURETH-7 SULFATE

RD Number: 977067-48-3

**Definition:** Sodium Laureth-7 Sulfate is the sodium salt of the sulfate ester of the polyethylene glycol ether of lauryl alcohol that conforms generally to the formula:



where n has an average value of 7.

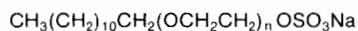
**Other Names:**

Sodium Polyoxyethylene (7) Lauryl Ether Sulfate  
Steol CS-760 (Stepan)

### SODIUM LAURETH-12 SULFATE

RD Number: 977069-66-1

**Definition:** Sodium Laureth-12 Sulfate is the sodium salt of the sulfate ester of the polyethylene glycol ether of lauryl alcohol that conforms generally to the formula:



where n has an average value of 12.

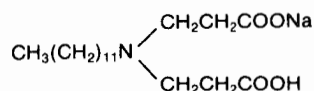
**Other Names:**

Standapol 130-E (Henkel)

### SODIUM LAURIMINODIPROPIONATE

CAS Number: 26256-79-1

**Definition:** Sodium Lauriminodipropionate is the partial sodium salt of a substituted propionic acid. It conforms generally to the formula:



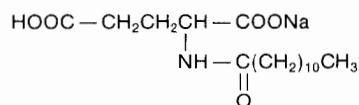
**Other Names:**

Deriphath 160C (General Mills)  
Deriphath 160-2 (General Mills)  
Sodium N-Lauryl-β-Iminodipropionate

### SODIUM LAUROYL GLUTAMATE

RD Number: 977067-50-7

**Definition:** Sodium Lauroyl Glutamate is the sodium salt of the lauric acid amide of glutamic acid. It conforms generally to the formula:



## Sodium Lauryl Sulfate

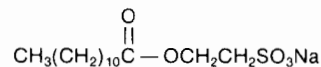
**Other Names:**

Amisoft LS-11 (Ajinomoto)

### SODIUM LAUROYL ISETHIONATE

CAS Number: 7381-01-3

**Definition:** Sodium Lauroyl Isethionate is the organic salt that conforms generally to the formula:



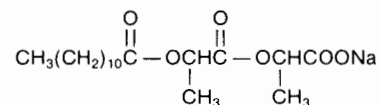
**Other Names:**

Sodium Lauryl Isethionate

### SODIUM LAUROYL LACTYLATE

RD Number: 977067-51-8

**Definition:** Sodium Lauroyl Lactylate is the sodium salt of the lauric acid ester of lactyl lactate. It conforms to the formula:



**Other Names:**

R-138C (Patterson)

### SODIUM LAUROYL SARCOSINATE

CAS Number: 137-16-6

**Definition:** Sodium Lauroyl Sarcosinate is the sodium salt of Lauroyl Sarcosine (q.v.).

**Information Sources:** CTFA, MI, SNPF,  
21CFR121.2507, 21CFR121.2520

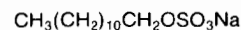
**Other Names:**

Hamosyl L-30 (Hampshire)  
Hamosyl L-95 (Hampshire)  
Maprosyl 30 (Onyx)  
Sarkosine LD (American Hoechst)  
Sarkosyl NL-30 (Ciba-Geigy)  
Sarkosyl NL-97 (Ciba-Geigy)

### SODIUM LAURYL SULFATE

CAS Number: 151-21-3

**Definition:** Sodium Lauryl Sulfate is the sodium salt of lauryl sulfate that conforms to the formula:



**Information Sources:** CTFA, BP, BPC, BRA, CZE,  
FCC, HUN, IND, ITA, MAR, MI, PJ, ROM,  
SNPF, USD, 21CFR121.1012,  
21CFR121.2507, 21CFR121.2514,  
21CFR121.2519, 21CFR121.2526,  
21CFR121.2535, 21CFR121.2541,  
21CFR121.2550, 21CFR121.2562, 21CFR121.2569

## Other Names:

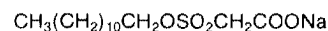
Avirol 118 Conc. (Henkel)  
 Carsonol SLS (Carson)  
 Carsonol SLS Paste B (Carson)  
 Carsonol SLS Special (Carson)  
 Conco Sulfate WA (Continental Chemical)  
 Conco Sulfate WA-1200 (Continental Chemical)  
 Conco Sulfate WA-1245 (Continental Chemical)  
 Conco Sulfate WAG (Continental Chemical)  
 Conco Sulfate WAN (Continental Chemical)  
 Conco Sulfate WAS (Continental Chemical)  
 Conco Sulfate WN (Continental Chemical)  
 Cycloryl 21 (Cyclo)  
 Cycloryl 21 (Witco/Cyclo Div)  
 Cycloryl 31 (Witco/Cyclo Div)  
 Cycloryl 580 (Witco/Cyclo Div)  
 Cycloryl 585N (Witco/Cyclo Div)  
 Detergent 66 (Ideal)  
 Duponol C (DuPont)  
 Duponol ME Dry (DuPont)  
 Duponol QC (DuPont)  
 Duponol QZ (DuPont)  
 Duponol WA Dry (DuPont)  
 Duponol WA Paste (DuPont)  
 Duponol WAQ (DuPont)  
 Duponol WAQA (DuPont)  
 Duponol WAQE (DuPont)  
 Duponol WAQM (DuPont)  
 Emersal 6400 (Malmstrom)  
 Emulsifier No. 104 (Procter & Gamble)  
 Maprofix LK (Onyx)  
 Maprofix WA (Onyx)  
 Maprofix WAX LV-5 (Onyx)  
 Maprofix 563 (Onyx)  
 Orvus WA Paste (Procter & Gamble)  
 Product No. 75 (Procter & Gamble)  
 Product No. 161 (Procter & Gamble)  
 Rewopol NLS 30 (Rewo)  
 Richonol A (Richardson)  
 Richonol AF (Richardson)  
 Richonol C (Richardson)  
 Sipex SB (Alcolac)  
 Sipex SD (Alcolac)  
 Sipon LS (Alcolac)  
 Sipon LSB (Alcolac)  
 Sipon WD (Alcolac)  
 Standapol WA-AC (Henkel)  
 Standapol WAQ Special (Henkel)  
 Standapol WAS 100 (Henkel)  
 Standapol 112 Conc (Henkel)  
 Stepanol ME Dry (Stepan)  
 Stepanol WA Paste (Stepan)  
 Stepanol WA Special (Stepan)  
 Stepanol WA-100 (Stepan)  
 Stepanol WAC (Stepan)  
 Stepanol WAQ (Stepan)  
 Sterling WA Paste (Canada Packers)  
 Sterling WAQ-CH (Canada Packers)  
 Sterling WAQ-Cosmetic (Canada Packers)  
 Sulfofon WA 1 (Henkel)  
 Sulfofon WA 1 Special (Henkel)  
 Sulfofon WA 3 (Henkel)  
 Sulfotex WA (Textilana)  
 Sulfotex WALA (Textilana)

Texapon K12 (Henkel)  
 Texapon K-1296 (Henkel)  
 Texapon V HC Needles (Henkel)  
 Texapon V HC Powder (Henkel)  
 Texapon ZHC (Henkel)  
 Ultra Sulfate SL-1 (Witco)

**SODIUM LAURYL SULFOACETATE**

CAS Number: 1847-58-1

*Definition:* Sodium Lauryl Sulfoacetate is the organic salt that conforms generally to the formula:



*Information Sources:* CTFA, SNPF

*Other Names:*

Lathanol LAL (Stepan)

**SODIUM LIGNOSULFONATE**

CAS Number: MX8061-51-6

*Definition:* Sodium Lignosulfonate is the sodium salt of polysulfonated lignin, which is a dark brown polymeric material found in wood.

*Information Sources:* 21CFR121.1088, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2550

*Other Names:*

Maracell E (American Can)  
 Marasperse CB (American Can)  
 Marasperse N-22 (American Can)  
 Norlig 12 (American Can)  
 Sodium Polignate

**SODIUM MAGNESIUM FLUOROSILICATE**

RD Number: 977068-52-2

*Definition:* Sodium Magnesium Fluorosilicate is the inorganic salt that conforms generally to the formula:

*Other Names:*

Laponite 1001 (Laporte)  
 Laponite 1501 (Laporte)  
 Laponite 1502 (Laporte)

**SODIUM MAGNESIUM SILICATE**

RD Number: 977068-03-3

*Definition:* Sodium Magnesium Silicate is a synthetic silicate clay with a composition mainly of magnesium and sodium silicate.

## Sodium Magnesium Silicate (Cont.)

### Other Names:

Laponite CP (*Laporte*)  
Laponite SP (*Laporte*)  
Laponite XLG (*Laporte*)  
Laponite XLS (*Laporte*)  
Laponite 2001 (*Laporte*)  
Laponite 2101 (*Laporte*)  
Laponite 2501 (*Laporte*)  
Laponite 2601 (*Laporte*)

## SODIUM METAPHOSPHATE

RD Number: 977052-09-7

**Definition:** Sodium Metaphosphate is a mixture of polymerized products of the  $\text{NaPO}_3$  group, which range from dimers to high molecular weight polymers of both straight chains and cyclic structures.

**Information Sources:** CTFA, FCC, MI, 21CFR121.101

## SODIUM METASILICATE

CAS Number: 6834-92-0

**Definition:** Sodium Metasilicate is the inorganic salt that conforms to the formula:



**Information Sources:** CTFA, MI, 21CFR121.1088

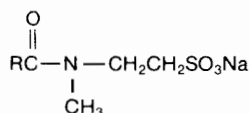
### Other Names:

Drymet Fines (*Cowles*)  
Metso Beads 2048 (*Philadelphia Quartz*)  
Metso Granular (*Philadelphia Quartz*)  
Metso Pentabead 20 (*Philadelphia Quartz*)  
Metso 20 (*Philadelphia Quartz*)

## SODIUM METHYL COCOYL TAURATE

RD Number: 977060-22-2

**Definition:** Sodium Methyl Cocoyl Taurate is the organic salt that conforms generally to the formula:



where RCO represents the coconut acid radical.

**Information Sources:** CTFA, SNPF

### Other Names:

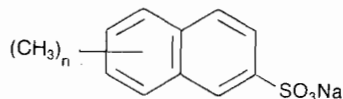
Chempon 42 (*Chemical Products*)  
Hostapon CT (*American Hoechst*)  
Igepon TC-42 (*GAF*)  
Protapon 42 (*Protameen*)  
Sodium N-Cocoyl-N-Methyl Taurate  
Sodium N-Methyl-N-Cocoyl Taurate

## Sodium Monodiethylaminopropyl Cocoaspartamide

## SODIUM METHYL NAPHTHALENE SULFONATE

RD Number: 977068-53-3

**Definition:** Sodium Methyl Naphthalene Sulfonate is a mixture of mono and di substituted aromatic sulfonates that conforms generally to the formula:



where n has a value of 1 or 2.

**Information Sources:** 21CFR121.1198

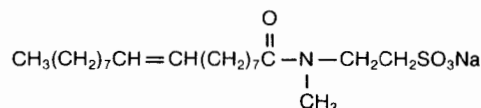
### Other Names:

Petro AG (*Petrochemicals*)

## SODIUM METHYL OLEOYL TAURATE

CAS Number: 137-20-2

**Definition:** Sodium Methyl Oleoyl Taurate is the organic salt that conforms generally to the formula:



**Information Sources:** SNPF, 21CFR121.2526, 21CFR121.2571

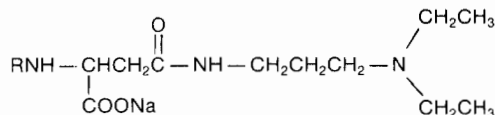
### Other Names:

Chempon 33 (*Chemical Products*)  
Concogel 2 Conc (*Continental Chemical*)  
Hostapon T (*American Hoechst*)  
Igepon T-33 (*GAF*)  
Igepon T-43 (*GAF*)  
Igepon T-73 (*GAF*)  
Igepon T-77 (*GAF*)  
Protapon 33 (*Protameen*)  
Sodium N-Methyl-N-Oleoyl Taurate  
Sodium N-Oleoyl-N-Methyl Taurate

## SODIUM MONODIETHYLAMINO- PROPYL COCOASPARTAMIDE

RD Number: 977068-51-1

**Definition:** Sodium Monodiethylaminopropyl Co-coaspartamide is the amidoamine that conforms generally to the formula:



where R represents the coconut acid radical.

## Sodium Monofluorophosphate

### SODIUM MONOFLUOROPHOSPHATE

CAS Number: 7631-97-2

*Definition:* Sodium Monofluorophosphate is the inorganic salt that conforms to the formula:



*Information Sources:* USP

*Other Names:*

Sodium Phosphorofluoridate

### SODIUM MYRETH SULFATE

RD Number: 977059-34-9

*Definition:* Sodium Myreth Sulfate is the sodium salt of sulfated ethoxylated myristyl alcohol that conforms generally to the formula:



where n averages between 1 and 4.

*Information Sources:* CTFA, SNPF

*Other Names:*

Avirol BOD-153 (*Henkel*)

Genapol CRO Liquid (*American Hoechst*)

Genapol CRO Paste (*American Hoechst*)

Sodium Polyoxyethylene (3) Myristyl Ether Sulfate

Standapol ES 40 (*Henkel*)

### SODIUM MYRISTOYL SARCOSINATE

CAS Number: 30364-51-3

*Definition:* Sodium Myristoyl Sarcosinate is the sodium salt of Myristoyl Sarcosine (q.v.).

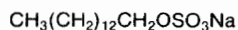
*Other Names:*

Hamposyl M-30 (*Hampshire*)

### SODIUM MYRISTYL SULFATE

CAS Number: 1191-50-0

*Definition:* Sodium Myristyl Sulfate is the sodium salt of myristyl sulfate that conforms to the formula:



*Information Sources:* 21CFR121.2520,  
21CFR121.2550

*Other Names:*

Cycloryl MS (*Cyclo*)

Maprofix MSP 90 (*Onyx*)

Texapon K14 (*Henkel*)

Texapon K 14S Special (*Henkel*)

### SODIUM NITRITE

CAS Number: 7632-00-0

*Definition:* Sodium Nitrite is the inorganic salt that conforms to the formula:

## Sodium Oleate

NaNO<sub>2</sub>

*Information Sources:* ARG, AUS, BPC, CZE, DA, DDR, EGY, FCC, FIN, HUN, IND, MAR, MI, NED, PF, PN, ROM, USD, USP, YUG, 21CFR121.1064, 21CFR121.2520, 21CFR121.2526, 21CFR121.2531, 21CFR121.2550, 21CFR121.2553, 21CFR121.2562, 21CFR121.2571

### SODIUM NONOXYNOL-9 PHOSPHATE

RD Number: 977058-21-1

*Definition:* Sodium Nonoxynol-9 Phosphate is a complex mixture of esters of phosphoric acid and Nonoxynol-9 (q.v.).

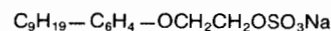
*Other Names:*

Emphos CS-1361 (*Witco*)

### SODIUM NONOXYNOL-1 SULFATE

RD Number: 977058-20-0

*Definition:* Sodium Nonoxynol-1 Sulfate is the organic compound that conforms generally to the formula:



*Other Names:*

Sodium Nonylphenyl Ether Sulfate

### SODIUM NONOXYNOL-4 SULFATE

RD Number: 977069-67-2

*Definition:* Sodium Nonoxynol-4 Sulfate is the sodium salt of the sulfate of Nonoxynol-4 (q.v.).

*Other Names:*

Alipal CO-433 (*GAF*)

### SODIUM OCTOXYNOL-3 SULFONATE

RD Number: 977067-49-4

*Definition:* Sodium Octoxynol-3 Sulfonate is the sodium salt of the sulfonate of Octoxynol-3 (q.v.).

*Information Sources:* CTFA, 21CFR121.2571

*Other Names:*

Triton X-200 (*Rohm & Haas*)

### SODIUM OLEATE

CAS Number: 143-19-1

*Definition:* Sodium Oleate is the sodium salt of oleic acid that conforms generally to the formula:



*Information Sources:* MAR, MI, 21CFR121.101, 21CFR121.1071, 21CFR121.2514, 21CFR121.2531



## Sodium Oleate (Cont.)

### Other Names:

Witco Sodium Oleate (Witco)

## SODIUM OLETH-7 PHOSPHATE

RD Number: 977067-52-9

**Definition:** Sodium Oleth-7 Phosphate is the sodium salt of the phosphate ester of Oleth-7 (q.v.).

**Information Sources:** CTFA

### Other Names:

Sodium Polyoxyethylene (7) Oleyl Ether Phosphate

## SODIUM OLEYL BETAINE

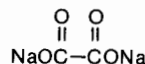
RD Number: 977066-21-9

**Definition:** Sodium Oleyl Betaine is the sodium salt of Oleyl Betaine (q.v.).

## SODIUM OXALATE

CAS Number: 62-76-0

**Definition:** Sodium Oxalate is the sodium salt of oxalic acid that conforms to the formula:

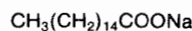


**Information Sources:** MI

## SODIUM PALMITATE

CAS Number: 408-35-5

**Definition:** Sodium Palmitate is the sodium salt of palmitic acid that conforms generally to the formula:

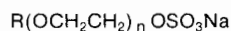


**Information Sources:** 21CFR121.101, 21CFR121.1071, 21CFR121.2531

## SODIUM PARETH-25 SULFATE

RD Number: 977068-54-4

**Definition:** Sodium Pareth-25 Sulfate is the sodium salt of a sulfated polyethylene glycol ether of a mixture of synthetic C12-15 fatty alcohols. It conforms generally to the formula:



where R represents the C12-15 alcohol and n averages between 1 and 4.

### Other Names:

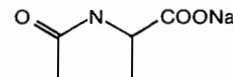
Serdet DPK 30 (Chemische Fabriek Servo)  
Witcolate 1050 (Witco)

## Sodium o-Phenyl Phenate

## SODIUM PCA

RD Number: 977058-22-2

**Definition:** Sodium PCA is the sodium salt of pyroglutamic acid that conforms to the formula:



### Other Names:

Ajidew N-50 (Ajinomoto)  
PCA Soda  
Sodium DL-2-Pyrrolidone-5-Carboxylate  
Sodium Pyroglutamate

## SODIUM PERBORATE

CAS Number: 7632-04-4

**Definition:** Sodium Perborate is the inorganic salt that conforms to the formula:



**Information Sources:** CTFA, BPC, BRA, IND, MAR, MI, NED, NFJ, PF, POR, USD, YUG, 21CFR121.2520

## SODIUM PERSULFATE

CAS Number: 7775-27-1

**Definition:** Sodium Persulfate is the inorganic salt that conforms to the formula:



**Information Sources:** MI, 21CFR121.2520, 21CFR121.2526

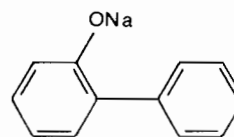
### Other Names:

Sodium Peroxydisulfate

## SODIUM o-PHENYL PHENATE

CAS Number: 132-27-4

**Definition:** Sodium o-Phenyl Phenate is the sodium salt of o-phenylphenol that conforms to the formula:



**Information Sources:** MAR, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2526, 21CFR121.2534, 21CFR121.2550

### Other Names:

Dowicide A (Dow)  
Dowicide A Flakes (Dow)  
o-Phenyl Phenol Sodium Salt

## Sodium Phosphate

### SODIUM PHOSPHATE

CAS Number: 7558-80-7

*Definition:* Sodium Phosphate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BRA, DA, DDR, EGY, FCC, HP, HUN, IND, MAR, MEX, MI, NED, NF XIII, PN, USD, USP, YUG, 21CFR121.101, 21CFR121.1088

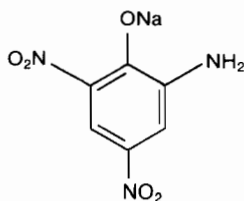
*Other Names:*

Monosodium Phosphate  
Sodium Biphosphate  
Sodium Phosphate Monobasic

### SODIUM PICRAMATE

CAS Number: 831-52-7

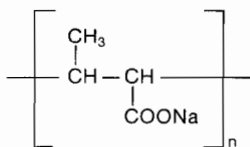
*Definition:* Sodium Picramate is the sodium salt of picramic acid that conforms to the formula:



### SODIUM POLYMETHACRYLATE

CAS Number: 25086-62-8

*Definition:* Sodium Polymethacrylate is the polymer that conforms generally to the formula:



*Information Sources:* 21CFR121.1088, 21CFR121.2520

*Other Names:*

Darvan #7 (*Vanderbilt*)

### SODIUM POLYNAPHTHALENE SULFONATE

RD Number: 977067-53-0

*Definition:* Sodium Polynaphthalene Sulfonate is the polyelectrolyte prepared by neutralizing the polysulfonated polymer formed by condensing naphthalene with formaldehyde.

*Other Names:*

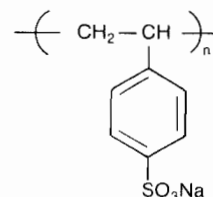
Darvan #1 (*Vanderbilt*)  
Lomar PWC (*Diamond Shamrock*)

## Sodium Saccharin

### SODIUM POLYSTYRENE SULFONATE

CAS Number: PM9003-59-2

*Definition:* Sodium Polystyrene Sulfonate is the polymer that conforms generally to the formula:



*Information Sources:* MAR, MI, USD, USP, 21CFR121.2520

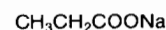
*Other Names:*

Flexan 130 (*National Starch*)  
Flexan 500 (*National Starch*)

### SODIUM PROPIONATE

CAS Number: 137-40-6

*Definition:* Sodium Propionate is the sodium salt of propionic acid that conforms to the formula:

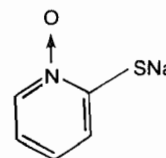


*Information Sources:* FCC, ITA, KOR, MAR, MI, NF XIII, USD, 21CFR121.2005

### SODIUM PYRITHIONE

CAS Number: 15922-78-8

*Definition:* Sodium Pyrithione is the organic compound that conforms to the formula:



*Information Sources:* CTFA

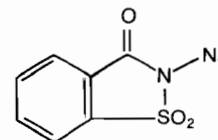
*Other Names:*

Sodium (2-Pyridylthio)-N-Oxide  
Sodium Omadine (*Olin*)

### SODIUM SACCHARIN

CAS Number: 6155-57-3

*Definition:* Sodium Saccharin is the organic compound that conforms to the formula:



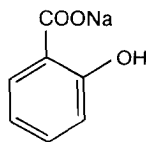
## Sodium Saccharin (Cont.)

*Information Sources:* ARG, AUS, BP, BPC, DA, DDR, EGY, FCC, HUN, MAR, MEX, MI, NF, PJ, PN, USD, YUG, 21CFR121.4001

## SODIUM SALICYLATE

*CAS Number:* 54-21-7

*Definition:* Sodium Salicylate is the sodium salt of salicylic acid that conforms to the formula:



*Information Sources:* ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MEX, MI, NF, PF, PJ, PN, POR, ROM, USD, USP XVIII, USSR, WHO, YUG, 21CFR121.2520

## SODIUM SESQUICARBONATE

*CAS Number:* 533-96-0

*Definition:* Sodium Sesquicarbonate is the inorganic salt that conforms generally to the formula:



*Information Sources:* CTFA, FCC, MI, 21CFR121.101

*Other Names:*

Sno Flake (*Allied*)  
Snow Fine (*Allied*)  
Snowflake Crystals (*Independent Chemicals*)

## SODIUM SILICATE

*CAS Number:* 1344-09-8

*Definition:* Sodium Silicate represents a series of complex inorganic silicate salts comprising variable proportions of  $\text{Na}_2\text{O}$  and  $\text{SiO}_2$ .

*Information Sources:* CTFA, MAR, MI, 21CFR121.101, 21CFR121.1088, 21CFR121.2507

*Other Names:*

Britesil (*Philadelphia Quartz*)  
'N' Silicate (*Philadelphia Quartz*)  
'O' Silicate (*Philadelphia Quartz*)

## SODIUM SILICOALUMINATE

*CAS Number:* 1344-00-9

*Definition:* Sodium Silicoaluminate is a series of hydrated sodium aluminum silicates having an  $\text{Na}_2\text{O}/\text{Al}_2\text{O}_3/\text{SiO}_2$  mole ratio of approximately 1/1/13.2, respectively.

*Information Sources:* FCC, 21CFR121.101

## Sodium Stearoyl Lactylate

*Other Names:*

Sodium Aluminosilicate  
Zeolex 23A (*Huber*)  
Zeolex 35 (*Huber*)

## SODIUM SOYA HYDROLYZED ANIMAL PROTEIN

*RD Number:* 977069-68-3

*Definition:* Sodium Soya Hydrolyzed Animal Protein is the sodium salt of the condensation product of Soya Acid (q.v.) and Hydrolyzed Animal Protein (q.v.).

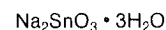
*Other Names:*

Maypon K (*Stepan*)  
Maypon K 903 (*Stepan*)  
Maypon K 913 (*Stepan*)

## SODIUM STANNATE

*RD Number:* 977058-24-4

*Definition:* Sodium Stannate is the inorganic salt that conforms to the formula:

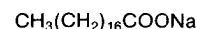


*Information Sources:* CTFA, MI

## SODIUM STEARATE

*CAS Number:* 822-16-2

*Definition:* Sodium Stearate is the sodium salt of stearic acid that conforms generally to the formula:



*Information Sources:* CTFA, ITA, MAR, MI, NF XIII, POR, SNPF, USP, 21CFR121.1071, 21CFR121.2005, 21CFR121.2514, 21CFR121.2531, 21CFR121.2562

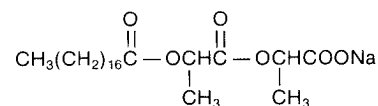
*Other Names:*

Witco Sodium Stearate C-1 (*Witco*)  
Witco Sodium Stearate C-6 (*Witco*)

## SODIUM STEAROYL LACTYLATE

*RD Number:* 977052-12-2

*Definition:* Sodium Stearoyl Lactylate is the sodium salt of the stearic acid ester of lactyl lactate. It conforms to the formula:



*Information Sources:* FCC, 21CFR121.2507, 21CFR121.1211

## Sodium Stearoyl Lactylate (Cont.)

### Other Names:

Emplex (Patterson)  
Lamegin NSL (Gruenau)  
R-2740 (Patterson)  
Sodium Stearyl-2-Lactylate

## SODIUM STYRENE/ACRYLATE/PEG-10 DIMALEATE COPOLYMER

RD Number: 977069-69-4

*Definition:* Sodium Styrene/Acrylate/PEG-10 Dimalate Copolymer is the sodium salt of a polymer of styrene, PEG-10 Dimalate and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

## SODIUM STYRENE/ACRYLATES/DIVINYLBENZENE COPOLYMER

RD Number: 977069-70-7

*Definition:* Sodium Styrene/Acrylates/Divinylbenzene Copolymer is the sodium salt of a polymer of styrene, divinylbenzene and two or more monomers consisting of acrylic acid, methacrylic acid or their simple esters.

## SODIUM STYRENE/PEG-10 MALEATE/NONOXYNOL-10 MALEATE/ACRYLATE COPOLYMER

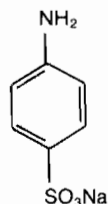
RD Number: 977069-71-8

*Definition:* Sodium Styrene/PEG-10 Maleate/Nonoxynol-10 Maleate/Acrylate Copolymer is the sodium salt of a polymer of styrene, PEG-10 Maleate, Nonoxynol-10 Maleate and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

## SODIUM SULFANILATE

CAS Number: 314-74-2

*Definition:* Sodium Sulfanilate is the sodium salt of sulfanilic acid that conforms to the formula:



*Information Sources:* MI

## SODIUM SULFATE

CAS Number: 7727-73-3

*Definition:* Sodium Sulfate is the inorganic salt that conforms to the formula:



## Sodium Thiosulfate

*Information Sources:* CTFA, ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, KOR, MAR, MEX, MI, NF XII, PF, PJ, PN, POR, ROM, USD, USP, YUG, 21CFR121.101, 21CFR121.1088, 21CFR121.2507

## SODIUM SULFITE

CAS Number: 7757-83-7

*Definition:* Sodium Sulfite is the inorganic salt that conforms to the formula:



*Information Sources:* CTFA, BPC, BRA, FCC, HP, MAR, MI, 21CFR121.1088, 21CFR121.2507

## SODIUM TALLOWATE

RD Number: 977060-49-3

*Definition:* Sodium Tallowate is the sodium salt of Tallow Acid (q.v.).

*Information Sources:* 21CFR121.2531, 21CFR121.2535

## SODIUM TALLOW SULFATE

RD Number: 977058-25-5

*Definition:* Sodium Tallow Sulfate is a mixture of sodium alkyl sulfates that conforms generally to the formula:



where R represents the tallow fatty radical.

### Other Names:

Conco Sulfate T (Continental Chemical)  
Sodium Tallow Alcohol Sulfate

## SODIUM THIOSULFATE

CAS Number: 10102-17-7

*Definition:* Sodium Thiosulfate is the inorganic salt that conforms to the formula:



*Information Sources:* ARG, AUS, BPC, BRA, CZE, DA, DDR, EGY, FCC, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, ROM, USD, USP, USSR, 21CFR121.101

### Other Names:

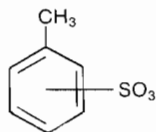
Sodium Hyposulfite

## Sodium Toluene Sulfonate

### SODIUM TOLUENE SULFONATE

CAS Number: 12068-03-0

**Definition:** Sodium Toluene Sulfonate is the substituted aromatic compound that conforms generally to the formula:



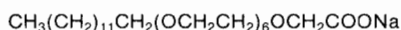
**Other Names:**

Ultra STS (*Witco*)

### SODIUM TRIDECETH-7 CARBOXYLATE

RD Number: 977067-36-9

**Definition:** Sodium Trideceth-7 Carboxylate is the sodium salt of Trideceth-7 Carboxylic Acid (q.v.). It conforms generally to the formula:



**Other Names:**

Sandopan DTC (*Sandoz*)

### SODIUM TRIDECYL SULFATE

CAS Number: 3026-63-9

**Definition:** Sodium Tridecyl Sulfate is the sodium salt of tridecyl sulfate that conforms to the formula:



**Information Sources:** 21CFR121.2550

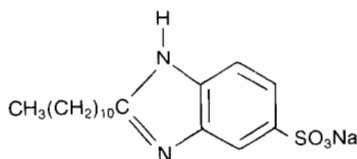
**Other Names:**

Lipocol EST (*Lipo*)

### SODIUM 2-UNDECYLBENZIMIDAZOLE SULFONATE

RD Number: 977068-55-5

**Definition:** Sodium 2-Undecylbenzimidazole Sulfonate is the aromatic sulfonate that conforms generally to the formula:



**Other Names:**

Ultravon CO (*Ciba-Geigy*)

### SODIUM UNDECYLENATE

CAS Number: 3398-33-2

## Solvent Brown 43

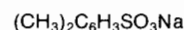
**Definition:** Sodium Undecylenate is the sodium salt of undecylenic acid that conforms generally to the formula:



### SODIUM XYLENE SULFONATE

CAS Number: 1300-72-7

**Definition:** Sodium Xylene Sulfonate is the sodium salt of ring sulfonated mixed xylene isomers that conforms generally to the formula:



**Information Sources:** MI, 21CFR121.2520, 21CFR121.2571

**Other Names:**

Carsosulf SXS (*Carson*)

Conco SXS (*Continental Chemical*)

Richonate SXS (*Richardson*)

Stepanate X (*Stepan*)

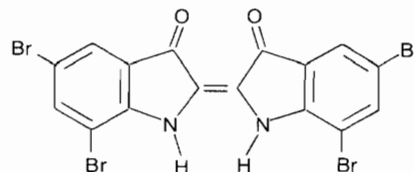
Ultra SXS (*Witco*)

Ultrawet 40SX (*ARCO*)

### SOLUBILIZED VAT BLUE 5

CAS Number: 2702-33-2

**Definition:** Solubilized Vat Blue 5 is the leuco sulfuric ester of the color which conforms to the formula:



**Information Sources:** CI 73066

### SOLVENT BLACK 5

CAS Number: 11099-03-9

**Definition:** Solvent Black 5 is classed chemically as an azine color.

**Information Sources:** CI 50415

**Other Names:**

Nigrosine Spirit Soluble

Nigrosine SS Blue 40 (*Ciba-Geigy*)

### SOLVENT BROWN 43

RD Number: 977067-55-2

**Definition:** Solvent Brown 43 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

**Information Sources:** CI

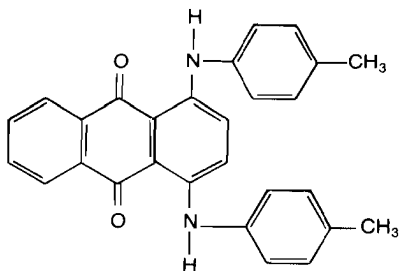
*Other Names:*

Irgacet Brown 2RL (Ciba-Geigy)

**SOLVENT GREEN 3**

CAS Number: 128-80-3

*Definition:* Solvent Green 3 is a color classed chemically as an anthraquinone color. It conforms to the formula:



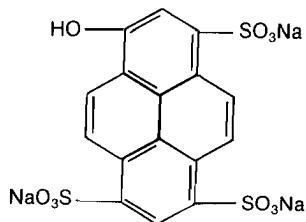
The name Solvent Green 3 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Green No. 6.

*Information Sources:* CI 61565, JC, M3

**SOLVENT GREEN 7**

CAS Number: 6358-69-6

*Definition:* Solvent Green 7 is a color classed chemically as a pyrene color. It conforms to the formula:



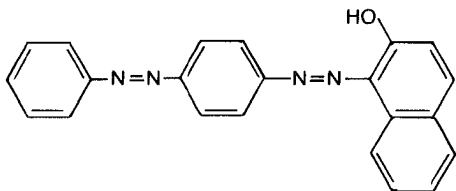
The name Solvent Green 7 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Green No. 8.

*Information Sources:* CI 59040, JC

**SOLVENT RED 23**

CAS Number: 85-86-9

*Definition:* Solvent Red 23 is a color classed chemically as a disazo color. It conforms to the formula:



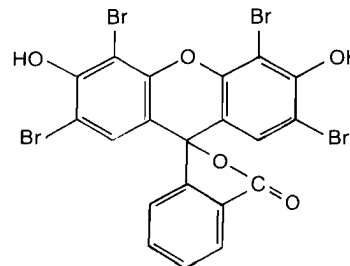
The name Solvent Red 23 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 17.

*Information Sources:* CI 26100, JC, MI

**SOLVENT RED 43**

CAS Number: 152-75-0

*Definition:* Solvent Red 43 is a color classed chemically as a fluoran color. It conforms to the formula:



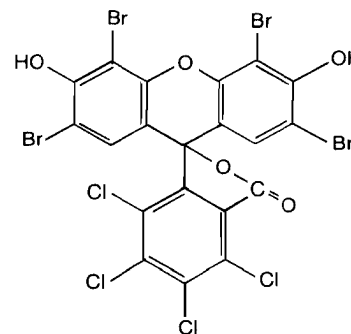
This color converted to the sodium salt is Acid Red 87. The name Solvent Red 43 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 21.

*Information Sources:* CI45380:2, JC

**SOLVENT RED 48**

CAS Number: 4618-23-9

*Definition:* Solvent Red 48 is a color classed chemically as a fluoran color. It conforms to the formula:



This color converted to the sodium salt is Acid Red 92. The name Solvent Red 48 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 27.

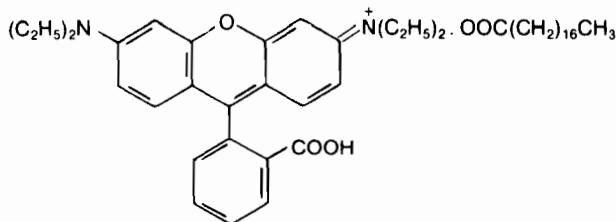
*Information Sources:* CI 45410:1

## Solvent Red 49:1

### SOLVENT RED 49:1

CAS Number: 6373-07-5

*Definition:* Solvent Red 49:1 is a color classed chemically as a xanthene color. It conforms to the formula:



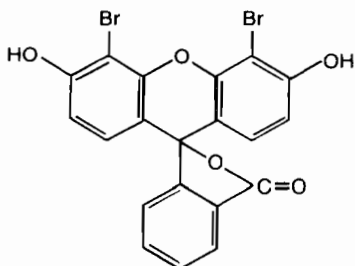
This color is the stearate of Basic Violet 10. The name Solvent Red 49:1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 37.

*Information Sources:* CI 45170:1, JC

### SOLVENT RED 72

CAS Number: 5350-25-4

*Definition:* Solvent Red 72 is a color classed chemically as a fluoran color. It conforms to the formula:



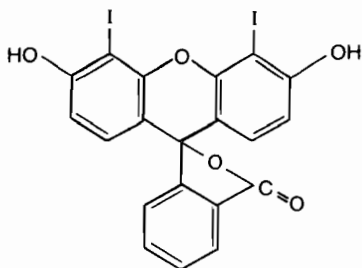
The name Solvent Red 72 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Orange No. 5.

*Information Sources:* CI 45370:1, JC, M3

### SOLVENT RED 73

CAS Number: 518-40-1

*Definition:* Solvent Red 73 is a color classed chemically as a fluoran color. It conforms to the formula:



## Solvent Yellow 63

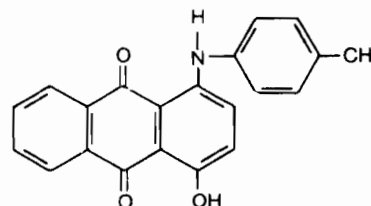
This color converted to the sodium salt is Acid Red 95. The name Solvent Red 73 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Orange No. 10.

*Information Sources:* CI 45425:1, JC, MI

### SOLVENT VIOLET 13

CAS Number: 81-48-1

*Definition:* Solvent Violet 13 is a color classed chemically as an anthraquinone color. It conforms to the formula:



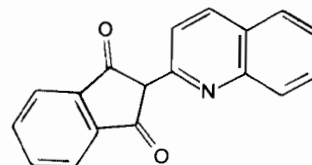
The name Solvent Violet 13 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Violet No. 2.

*Information Sources:* CI 60725, JC, M3

### SOLVENT YELLOW 33

CAS Number: MX8003-22-3

*Definition:* Solvent Yellow 33 is a color classed chemically as a quinoline color. It conforms to the formula:



The name Solvent Yellow 33 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Yellow No. 11.

*Information Sources:* CI 47000, JC, M3

### SOLVENT YELLOW 63

RD Number: 977067-56-3

*Definition:* Solvent Yellow 63 is classed chemically as an azo (metallised) color.

*Information Sources:* CI

*Other Names:*

Acetosol Yellow RLS (Sandoz)

## Solvent Yellow 90

### SOLVENT YELLOW 90

RD Number: 977067-57-4

**Definition:** Solvent Yellow 90 is a commercial color described in The Colour Index. The exact composition of this color has not been disclosed.

**Information Sources:** CI

**Other Names:**

Irgacet Yellow GL (Ciba-Geigy)

### SORBETH-20

RD Number: 977058-26-6

**Definition:** Sorbeth-20 is an ethoxylated ether of sorbitol with an average ethoxylation value of 20.

**Other Names:**

Ethosperser SL-20 (Glyco)

PEG-20 Sorbitol Ether

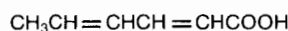
Polyethylene Glycol 1000 Sorbitol Ether

Polyoxyethylene (20) Sorbitol Ether

### SORBIC ACID

CAS Number: 110-44-1

**Definition:** Sorbic Acid is the organic acid that conforms generally to the formula:



**Information Sources:** CTFA, BPC, CZE, FCC, MAR, MI, NF, 21CFR121.101, 21CFR121.2005

**Other Names:**

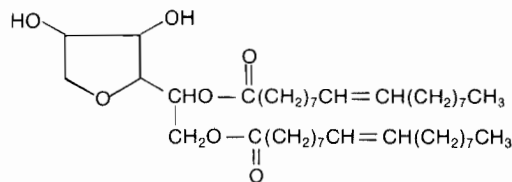
2,4-Hexadienoic Acid

Sorbistat (Pfizer)

### SORBITAN DIOLEATE

RD Number: 977067-58-5

**Definition:** Sorbitan Dioleate is the diester of oleic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2569

**Other Names:**

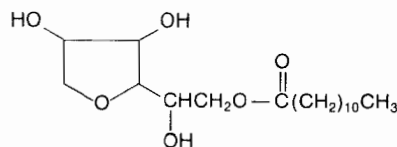
Sorbide Dioleate

### SORBITAN LAURATE

CAS Number: 5959-89-7

**Definition:** Sorbitan Laurate is the monoester of lauric acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:

## Sorbitan Palmitate



**Information Sources:** CTFA, BPC, MAR, USAN, 21CFR121.2541, 21CFR121.2569

**Other Names:**

Arlacel 20 (ICI United States)

Armotan ML (Armak)

Emsorb 2515 (Malmstrom)

Glycomul L (Glyco)

Glycomul LC (Glyco)

Liposorb L (Lipo)

Protachem SML (Protameen)

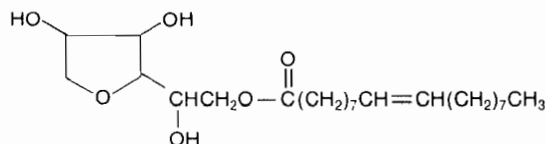
Sorbitan Monolaurate

Span 20 (ICI United States)

### SORBITAN OLEATE

CAS Number: 5938-38-5

**Definition:** Sorbitan Oleate is the monoester of oleic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



**Information Sources:** CTFA, BPC, DDR, MAR, NF, USAN, 21CFR121.2520, 21CFR121.2541, 21CFR121.2569

**Other Names:**

Arlacel 80 (ICI United States)

Armotan MO (Armak)

Capmul O (Capital City)

Emsorb 2500 (Malmstrom)

Glycomul O (Glyco)

Liposorb O (Lipo)

Protachem SMO (Protameen)

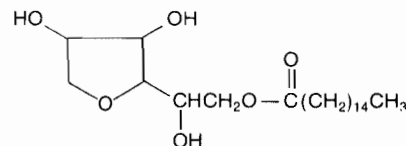
Sorbitan Monooleate

Span 80 (ICI United States)

### SORBITAN PALMITATE

CAS Number: 26266-57-9

**Definition:** Sorbitan Palmitate is the monoester of palmitic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



**Information Sources:** CTFA, MAR, USAN, 21CFR121.2541, 21CFR121.2569



## Sorbitan Palmitate (Cont.)

### Other Names:

Arlacel 40 (ICI United States)  
Emsorb 2510 (Malmstrom)  
Glycomul P (Glyco)  
Liposorb P (Lipo)  
Protachem SMP (Protameen)  
Sorbitan Monopalmitate  
Span 40 (ICI United States)

## SORBITAN SESQUISTEARATE

RD Number: 977067-59-6

**Definition:** Sorbitan Sesquistearate is a mixed ester of Isostearic Acid (q.v.) and hexitol anhydrides derived from sorbitol.

**Information Sources:** 21CFR121.2569

### Other Names:

Emsorb 2518 (Malmstrom)

## SORBITAN SESQUIOLEATE

CAS Number: MX8007-43-0

**Definition:** Sorbitan Sesquioleate is a mixed ester of oleic acid and hexitol anhydrides derived from sorbitol.

**Information Sources:** CTFA, MAR, USAN, 21CFR121.2569

### Other Names:

Arlacel C (ICI United States)  
Arlacel 83 (ICI United States)  
Emsorb 2502 (Malmstrom)  
Glycomul SOC Special (Glyco)  
Hodag SSO (Hodag)  
Liposorb SQO (Lipo)  
Protachem SOC (Protameen)

## SORBITAN SESQUISTEARATE

RD Number: 977067-60-9

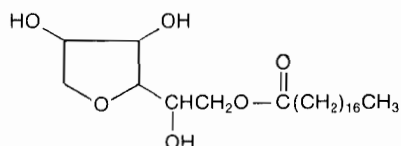
**Definition:** Sorbitan Sesquistearate is a mixed ester of stearic acid and hexitol anhydrides derived from sorbitol.

**Information Sources:** 21CFR121.2569

## SORBITAN STEARATE

CAS Number: 1338-41-6

**Definition:** Sorbitan Stearate is the monoester of stearic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



**Information Sources:** CTFA, BPC, FCC, MAR, USAN, 21CFR121.272, 21CFR121.1029,

## Sorbitan Tristearate

21CFR,121.1099, 21CFR121.1164,  
21CFR121.2520, 21CFR121.2541, 21CFR121.2569

### Other Names:

Arlacel 60 (ICI United States)  
Armotan MS (Armak)  
Capmul S (Capital City)  
Emsorb 2505 (Malmstrom)  
Glycomul S (Glyco)  
Hodag SMS (Hodag)  
Liposorb S (Lipo)  
Liposorb SC (Lipo)  
Protachem SMS (Protameen)  
Sorbitan Monostearate  
Span 60 (ICI United States)

## SORBITAN TRIISOSTEARATE

RD Number: 977067-61-0

**Definition:** Sorbitan Triisostearate is the triester of Isostearic Acid (q.v.) and hexitol anhydrides derived from sorbitol.

**Information Sources:** 21CFR121.2569

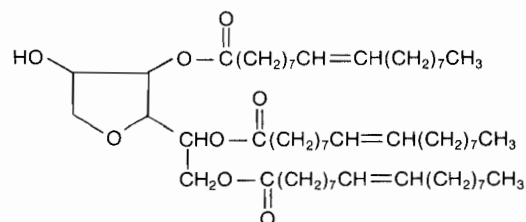
### Other Names:

Emsorb 2519 (Malmstrom)

## SORBITAN TRIOLEATE

CAS Number: 26266-58-0

**Definition:** Sorbitan Trioleate is the triester of oleic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



**Information Sources:** CTFA, MAR, USAN, 21CFR121.2569

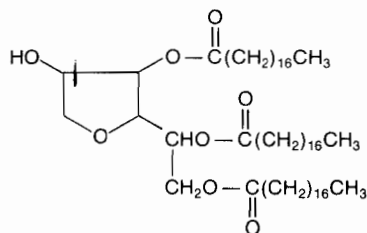
### Other Names:

Arlacel 85 (ICI United States)  
Emsorb 2503 (Malmstrom)  
Glycomul TO (Glyco)  
Liposorb TO (Lipo)  
Protachem STO (Protameen)  
Span 85 (ICI United States)

## SORBITAN TRISTEARATE

CAS Number: 26658-19-5

**Definition:** Sorbitan Tristearate is the triester of stearic acid and hexitol anhydrides derived from sorbitol. It conforms generally to the formula:



*Information Sources:* CTFA, MAR, USAN, 21CFR121.2569

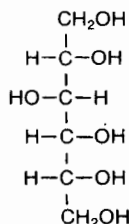
*Other Names:*

Emsorb 2507 (*Malmstrom*)  
Glycomul TS (*Glyco*)  
Liposorb TS (*Lipo*)  
Protachem STS (*Protameen*)  
Span 65 (*ICI United States*)

## SORBITOL

*CAS Number:* 50-70-4

*Definition:* Sorbitol is the hexahydric alcohol that conforms to the formula:



*Information Sources:* BP, BPC, DA, DDR, FCC, HUN, ITA, KOR, MAR, MI, USD, USP, 21CFR121.101, 21CFR121.104, 21CFR121.2514

*Other Names:*

A-641 (*ICI United States*)  
Arlex (*ICI United States*)  
D-Glucitol  
Sorbo (*ICI United States*)

## SOY

*RD Number:* 977002-59-7

*Definition:* Soy is a natural plant material obtained from the soybean, *Glycine max.*

*Information Sources:* MI

*Other Names:*

Soyabits (*Central Soya*)

## SOYA ACID

*RD Number:* 977058-27-7

*Definition:* Soya Acid is the mixture of fatty acids derived from Soybean Oil (q.v.).

*Information Sources:* 21CFR121.2535

*Other Names:*

Glycon DS (*Glyco*)

## SOYAMINE

*RD Number:* 977067-66-5

*Definition:* Soyamine is the primary aliphatic amine derived from Soya Acid (q.v.). It conforms generally to the formula:



where R represents the soya radical.

*Other Names:*

Armeen S (*Armak*)  
Armeen SD (*Armak*)

## SOYA STEROL

*RD Number:* 977066-08-2

*Definition:* Soya Sterol is the mixture of phytosterols obtained from soybeans.

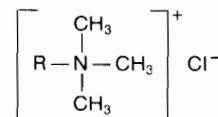
*Other Names:*

Generol 122 (*General Mills*)

## SOYATRIMONIUM CHLORIDE

*RD Number:* 977068-56-6

*Definition:* Soyatrimonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



where R represents the soya radical.

*Other Names:*

Arquad S-50 (*Armak*)  
Soya Trimethyl Ammonium Chloride

## SOYBEAN OIL

*CAS Number:* MX8001-22-7

*Definition:* Soybean Oil is the oil obtained from soybeans by extraction or expression. It consists essentially of triglycerides of oleic, linoleic, linolenic and saturated acids.

*Information Sources:* CTFA, MAR, MI, PJ, 21CFR121.2519, 21CFR121.2535

*Other Names:*

Soya Oil

## SOY FLOUR

*RD Number:* 977002-60-0

*Definition:* Soy Flour is the powder prepared from the fine grinding of the soybean.

*Information Sources:* MI

## Soy Flour (Cont.)

### Other Names:

Centex (Central Soya)  
Flour, Soy  
Soyalfluff (Central Soya)

## SOY PROTEIN

CAS Number: PM9010-10-0

**Definition:** Soy Protein is the protein obtained from Soy (q.v.).

### Other Names:

Promosoy (Central Soya)

## SPEARMINT OIL

CAS Number: MX8008-79-5

**Definition:** Spearmint Oil is the volatile oil obtained from the dried tops and leaves of *Mentha spicata*. It consists largely of carvone.

**Information Sources:** BPC, FCC, MAR, MI, NF, NFJ, USD, 27CFR212.92

### Other Names:

Oil of Spearmint

## SPERMACETI

CAS Number: MX8002-23-1

**Definition:** Spermaceti is a waxy substance obtained from the head of the sperm whale *Physeter macrocephalus*. The use of natural spermaceti is prohibited in the United States under the Endangered Species Act of 1973. Cosmetic manufacturers should consult the pertinent federal regulations for information on this ingredient.

**Information Sources:** CTFA, AUS, BPC1971, BRA, CZE, DA, DDR, FI, FIN, HUN, ITA, MAR, MI, PF, PJ, PN, POR, SNPF, USD, USP, YUG, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2569

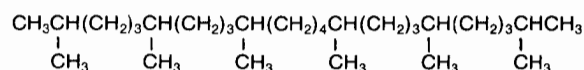
### Other Names:

Cetaceum (Will & Baumer Candle)  
Spermaceti Wax

## SQUALANE

CAS Number: 111-01-3

**Definition:** Squalane is the saturated branched chain hydrocarbon, obtained by hydrogenation of shark liver oil or other natural oils, that conforms to the formula:



**Information Sources:** CTFA, MI, SNPF

## Stannous Pyrophosphate

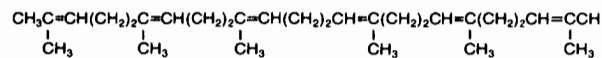
### Other Names:

Dodecahydrosqualene  
Perhydrosqualene  
Robane (Robeco)

## SQUALENE

CAS Number: 111-02-4

**Definition:** Squalene is an unsaturated branched chain isoprenoid hydrocarbon found in large quantities in shark liver oil. It conforms to the formula:



**Information Sources:** MI

### Other Names:

Supraene (Robeco)

## STANNOUS CHLORIDE

CAS Number: 7772-99-8

**Definition:** Stannous Chloride is the inorganic salt that conforms to the formula:



**Information Sources:** DDR, FCC, MI, 21CFR121.101, 21CFR121.1213

### Other Names:

Tin Dichloride

## STANNOUS FLUORIDE

CAS Number: 7783-47-3

**Definition:** Stannous Fluoride is the inorganic salt that conforms to the formula:



**Information Sources:** MAR, MI, NF XIII, USD, USP

### Other Names:

Tin Difluoride

## STANNOUS PYROPHOSPHATE

CAS Number: 15578-26-4

**Definition:** Stannous Pyrophosphate is the inorganic salt that conforms to the formula:



**Information Sources:** CTFA, USAN

### Other Names:

Pyro Stannous Phosphate

## Starch Diethylaminoethyl Ether

### STARCH DIETHYLAMINOETHYL ETHER

RD Number: 977068-57-7

**Definition:** Starch Diethylaminoethyl Ether is the product obtained through conversion of hydroxyl groups in starch to diethylaminoethyl ethers.

**Other Names:**

78-1567 (*National Starch*)

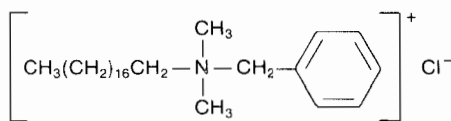
78-1568 (*National Starch*)

78-1712 (*National Starch*)

### STEARALKONIUM CHLORIDE

CAS Number: 122-19-0

**Definition:** Stearalkonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Ammonyx CA Special (*Onyx*)

Ammonyx 4 (*Onyx*)

Ammonyx 485 (*Onyx*)

Ammonyx 490 (*Onyx*)

Ammonyx 4002 (*Onyx*)

Barquat SB-25 (*Lonza*)

Benzyl Dimethyl Stearyl Ammonium Chloride

Carsoquat SDQ-25 (*Carson*)

Carsoquat SDQ-85 (*Carson*)

Stearyl Dimethyl Benzyl Ammonium Chloride

Stedbac (*Fine Organics*)

Triton X-400 (*Rohm & Haas*)

Varisoft SDC (*Ashland*)

### STEARALKONIUM HECTORITE

RD Number: 977067-62-1

**Definition:** Stearalkonium Hectorite is a reaction product of Hectorite (q.v.) and Stearalkonium Chloride (q.v.).

**Information Sources:** CTFA, 21CFR121.2520

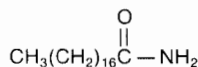
**Other Names:**

Bentone 27 (*NL Industries*)

### STEARAMIDE

CAS Number: 124-26-5

**Definition:** Stearamide is the aliphatic amide that conforms generally to the formula:



## Stearamide DIBA-Stearate

**Information Sources:** 21CFR121.2005, 21CFR121.2520, 21CFR121.2531, 21CFR121.2550

**Other Names:**

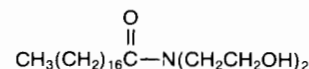
Armid 18 (*Armak*)

Stearic Acid Amide

### STEARAMIDE DEA

RD Number: 977058-29-9

**Definition:** Stearamide DEA is a mixture of ethanolamides of stearic acid. It conforms generally to the formula:



**Information Sources:** CTFA, 21CFR121.2571

**Other Names:**

Alromine RA (*Ciba-Geigy*)

Alrosol S (*Ciba-Geigy*)

Alrospere 11P (*Ciba-Geigy*)

Aminol N-1918 (*Finetex*)

Aminol STD (*Finetex*)

Betamid S-20 (*Beta*)

N,N-Bis(2-Hydroxyethyl) Stearamide

Clindrol 200-S (*Clintwood*)

Clindrol 868 (*Clintwood*)

Condensate N-1918 (*Chemical Products*)

Condensate Q (*Continental Chemical*)

Condensate S-100 (*Chemical Products*)

Cyclomide SD (*Witco/Cyclo Div*)

Diethanolamine Stearic Acid Amide

Lipamide S (*Lipo*)

Monamid 15-65 (*Mona*)

Monamid 718 (*Mona*)

Monamid 718A (*Mona*)

Nopcogen 14-S (*Diamond Shamrock*)

Onyxol 42 (*Onyx*)

Protamide N-1918 (*Protameen*)

Protamide SA (*Protameen*)

Schercomid ST (*Scher Bros.*)

Stearic Acid Diethanolamide

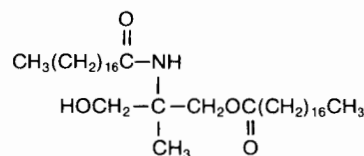
Stearoyl Diethanolamide

Unamide S (*Lonza*)

### STEARAMIDE DIBA-STEARATE

RD Number: 977058-30-2

**Definition:** Stearamide DIBA-Stearate is the substituted dihydroxyisobutylamine that conforms generally to the formula:



**Other Names:**

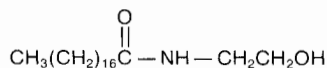
Polytex 10 (*Knapp*)

## Stearamide MEA

### STEARAMIDE MEA

CAS Number: 111-57-9

**Definition:** Stearamide MEA is a mixture of monoethanolamides of stearic acid. It conforms generally to the formula:



**Information Sources:** CTFA

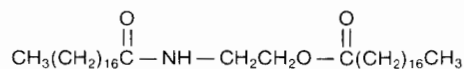
**Other Names:**

Aminol MS (*Finetex*)  
Clindrol 200MS (*Clintwood*)  
Cyclomide SM (*Witco/Cyclo Div*)  
N-(2-Hydroxyethyl) Stearamide  
Monamid S (*Mona*)  
Monoethanolamine Stearic Acid Amide  
Product 2-M-19 (*Clintwood*)  
Stearic Acid Monoethanolamide  
Stearoyl Monoethanolamide  
Witcamide 70 (*Witco*)

### STEARAMIDE MEA-STEARATE

RD Number: 977058-31-3

**Definition:** Stearamide MEA-Stearate is the substituted ethanolamide that conforms generally to the formula:



where RCO is the stearoyl radical.

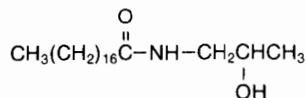
**Other Names:**

Cerasynt D (*Van Dyk*)  
Rewomid 100 (*Rewo*)  
Schercomid SME-S (*Scher Bros.*)  
Stearic Monoethanolamide Stearate  
Witcamide MAS (*Witco*)

### STEARAMIDE MIPA

RD Number: 977058-32-4

**Definition:** Stearamide MIPA is a mixture of monoisopropanolamides of stearic acid. It conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

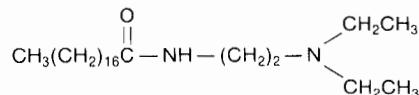
Cyclomide SP (*Witco/Cyclo Div*)  
Monoisopropanolamine Stearic Acid Amide  
Stearoyl Isopropanolamide  
Stearoyl Monoisopropanolamide

## Stearamidopropyl Dimethylamine

### STEARAMIDOETHYL DIETHYLAMINE

RD Number: 977056-50-0

**Definition:** Stearamidoethyl Diethylamine is the amidoamine that conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Chemical Base 6532 (*Sandoz*)  
Diethylaminoethyl Stearamide  
Sapamine COB-ST (*Ciba-Geigy*)  
Tegamine 22 (*Inolex*)

### STEARAMIDOETHYL DIETHYLAMINE PHOSPHATE

RD Number: 977069-72-9

**Definition:** Stearamidoethyl Diethylamine Phosphate is a complex mixture of phosphoric acid and Stearamidoethyl Diethylamine (q.v.).

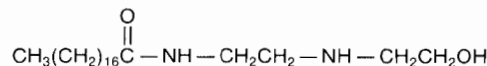
**Other Names:**

Diethylaminoethyl Stearamide Phosphate

### STEARAMIDOETHYL ETHANOLAMINE

RD Number: 977062-37-5

**Definition:** Stearamidoethyl Ethanolamine is the amidoamine that conforms to the formula:



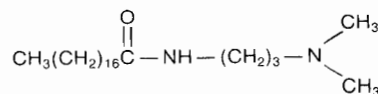
**Other Names:**

Chemical 39 Base (*Sandoz*)  
Ethanolaminoethyl Stearamide

### STEARAMIDOPROPYL DIMETHYLAMINE

RD Number: 977056-58-8

**Definition:** Stearamidopropyl Dimethylamine is the amidoamine that conforms generally to the formula:



**Information Sources:** CTFA

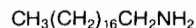
**Other Names:**

Betamid S-10 (*Beta*)  
Dimethylaminopropyl Stearamide  
Tegamine S-13 (*Inolex*)  
Tegamine TP-13 (*Inolex*)

**STEARAMINE**

CAS Number: 124-30-1

*Definition:* Stearamine is the aliphatic amine that conforms generally to the formula:

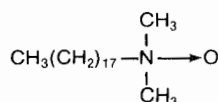
*Other Names:*

Armeen 18 (*Armak*)  
Armeen 18D (*Armak*)  
Octadecylamine  
Stearyl Amine

**STEARAMINE OXIDE**

RD Number: 977058-33-5

*Definition:* Stearamine Oxide is the aliphatic amine oxide that conforms generally to the formula:

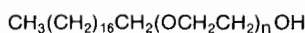
*Other Names:*

Ammonyx SO (*Onyx*)  
Barlox 18S (*Lonza*)  
Conco XAS (*Continental Chemical*)  
Stearyl Dimethylamine Oxide

**STEARETH-2**

RD Number: 977055-79-0

*Definition:* Steareth-2 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 2.

*Information Sources:* CTFA, SNPF

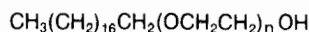
*Other Names:*

Brij 72 (*ICI United States*)  
Lipocol S-2 (*Lipo*)  
PEG-2 Stearyl Ether  
Polyethylene Glycol 100 Stearyl Ether  
Polyoxyethylene (2) Stearyl Ether  
Procol SA-2 (*Protameen*)  
Volpo S.2 (*Croda*)

**STEARETH-4**

RD Number: 977066-10-6

*Definition:* Steareth-4 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 4.

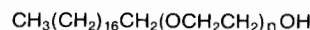
*Other Names:*

PEG-4 Stearyl Ether  
Polyethylene Glycol 200 Stearyl Ether  
Polyoxyethylene (4) Stearyl Ether  
Procol SA-4 (*Protameen*)

**STEARETH-7**

RD Number: 977066-11-7

*Definition:* Steareth-7 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 7.

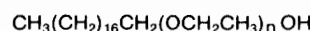
*Other Names:*

Lamecreme SA7 (*Gruenau*)  
PEG-7 Stearyl Ether  
Polyethylene Glycol (7) Stearyl Ether  
Polyoxyethylene (7) Stearyl Ether

**STEARETH-10**

RD Number: 977055-80-3

*Definition:* Steareth-10 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 10.

*Information Sources:* CTFA, SNPF

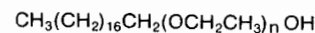
*Other Names:*

Brij 76 (*ICI United States*)  
Lipocol S-10 (*Lipo*)  
PEG-10 Stearyl Ether  
Polyethylene Glycol (10) Stearyl Ether  
Polyoxyethylene (10) Stearyl Ether  
Volpo S.10 (*Croda*)

**STEARETH-20**

RD Number: 977053-41-0

*Definition:* Steareth-20 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 20.

*Information Sources:* CTFA, SNPF

*Other Names:*

Atlas G-3720 (*ICI United States*)  
Brij 78 (*ICI United States*)  
G-3720 (*ICI United States*)  
Lipal 20SA (*PVO*)

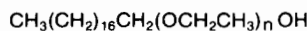
## Steareth-20 (Cont.)

Lipocol S-20 (*Lipo*)  
PEG-20 Stearyl Ether  
Polyethylene Glycol 1000 Stearyl Ether  
Polyoxyethylene (20) Stearyl Ether  
Procol SA-20 (*Protameen*)  
Volpo S.20 (*Croda*)

## STEARETH-30

RD Number: 977055-81-4

**Definition:** Steareth-30 is the polyethylene glycol ether of Stearyl Alcohol (q.v.) that conforms to the formula:



where n has an average value of 30.

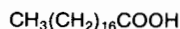
### Other Names:

Lipal 30SA (*PVO*)  
PEG-30 Stearyl Ether  
Polyethylene Glycol (30) Stearyl Ether  
Polyoxyethylene (30) Stearyl Ether

## STEARIC ACID

CAS Number: 57-11-4

**Definition:** Stearic Acid is a mixture of solid fatty acids consisting chiefly of stearic and palmitic acids. It conforms generally to the formula:



**Information Sources:** CTFA, ARG, AUS, BPC, BRA, DDR, EGY, FCC, IND, ITA, MEX, MI, NED, PF, PN, POR, ROM, SNPF, USD, USP, YUG, 21CFR121.101, 21CFR121.1070, 21CFR121.1099, 21CFR121.2514, 21CFR121.2520

### Other Names:

Century 1240 (*Union Camp*)  
Dar-Chem 14 (*Darling*)  
Emersol 120 (*Emery*)  
Emersol 132 (*Emery*)  
Emersol 150 (*Emery*)  
Formula 300 (*PVO*)  
Glycon DP (*Glyco*)  
Glycon S-70 (*Glyco*)  
Glycon S-80 (*Glyco*)  
Glycon S-90 (*Glyco*)  
Glycon TP (*Glyco*)  
Groco 54 (*Gross, A.*)  
Groco 55 (*Gross, A.*)  
Groco 55L (*Gross, A.*)  
Groco 58 (*Gross, A.*)  
Groco 59 (*Gross, A.*)  
Hy-Phi 1199 (*Darling*)  
Hy-Phi 1205 (*Darling*)  
Hy-Phi 1303 (*Darling*)  
Hy-Phi 1401 (*Darling*)  
Hydrofol Acid 1655 (*Ashland*)  
Hydrofol Acid 1855 (*Ashland*)  
Hydrofol Acid 1895 (*Ashland*)

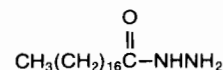
## Stearoyl Sarcosine

Hystrene 4516 (*Humko Sheffield*)  
Hystrene 5016 (*Humko Sheffield*)  
Hystrene 7018 (*Humko Sheffield*)  
Hystrene 9718 (*Humko Sheffield*)  
Industrene 5016 (*Humko Sheffield*)  
Neo-Fat 18 (*Armak*)  
Neo-Fat 18-S (*Armak*)  
Neo-Fat 18-54 (*Armak*)  
Neo-Fat 18-55 (*Armak*)  
Neo-Fat 18-61 (*Armak*)  
Pearl Stearic (*Darling*)  
Tegostearic 254 (*Inolex*)  
Tegostearic 255 (*Inolex*)  
Tegostearic 272 (*Inolex*)

## STEARIC HYDRAZIDE

RD Number: 977058-34-6

**Definition:** Stearic Hydrazide is the organic compound that conforms generally to the formula:



## STEAROXY DIMETHICONE

RD Number: 977061-32-7

**Definition:** Stearoxy Dimethicone is a polymer of dimethylpolysiloxane endblocked with stearoxy groups.

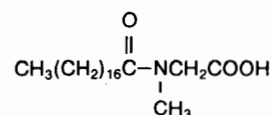
### Other Names:

Dimethyl Siloxy Stearoxy Siloxane Polymer  
Dow Corning F-157 Wax (*Dow Corning*)  
Dow Corning F-157A Wax (*Dow Corning*)  
Dow Corning Q-2-2523 Wax (*Dow Corning*)  
F-157 Wax (*Dow Corning*)  
F-157A Wax (*Dow Corning*)  
Poly(Dimethylsiloxy) Stearoxysiloxane  
Silicone Copolymer F-755 (*SWS Silicones*)  
Silicone F-157A Wax (*Dow Corning*)  
Silicone Q-2-2523 Wax (*Dow Corning*)

## STEAROYL SARCOSINE

CAS Number: 142-48-3

**Definition:** Stearoyl Sarcosine is the N-stearoyl derivative of N-methylglycine that conforms generally to the formula:



**Information Sources:** 21CFR121.2507

### Other Names:

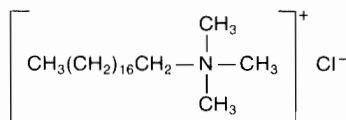
Hamposyl S (*Hampshire*)  
Stearoyl-N-Methylaminoacetic Acid  
Stearoyl-N-Methylglycine

## Steartrimonium Chloride

### STEATRIMONIUM CHLORIDE

CAS Number: 112-03-8

**Definition:** Steartrimonium Chloride is the quaternary ammonium salt that conforms to the formula:



**Other Names:**

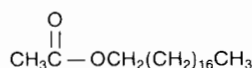
Arquad 18-50 (*Armak*)

Stearyl Trimethyl Ammonium Chloride

### STEARYL ACETATE

RD Number: 977067-63-2

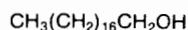
**Definition:** Stearyl Acetate is the ester of stearyl alcohol and acetic acid. It conforms to the formula:



### STEARYL ALCOHOL

CAS Number: 112-92-5

**Definition:** Stearyl Alcohol is a mixture of solid fatty alcohols consisting chiefly of n-octadecanol. It conforms generally to the formula:



**Information Sources:** CTFA, AUS, DDR, ITA, KOR, MI, SNPF, USD, USP, 21CFR121.1238, 21CFR121.2507, 21CFR121.2514, 21CFR121.2519, 21CFR121.2531, 21CFR121.2557

**Other Names:**

Adol 62 (*Ashland*)

Adol 63 (*Ashland*)

Adol 64 (*Ashland*)

Alfol 18 (*Conoco*)

Cachalot S-53 (*Michel*)

Cachalot S-54 (*Michel*)

Cachalot S-56 (*Michel*)

CO-1895 (*Procter & Gamble*)

CO-1897 (*Procter & Gamble*)

Crodacol S (*Croda*)

Cyclal Stearyl Alcohol (*Witco/Cyclo Div*)

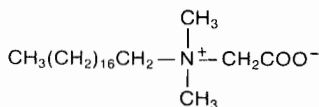
Lorol 28 (*DuPont*)

Stearal (*Robinson-Wagner*)

### STEARYL BETAINE

RD Number: 977067-64-3

**Definition:** Stearyl Betaine is the zwitterion (inner salt) that conforms to the formula:



## Stearyl Stearate

**Other Names:**

Lonzaine 18S (*Lonza*)

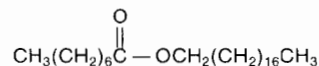
Product ODN (*DuPont*)

Stearyl Dimethyl Glycine

### STEARYL CAPRYLATE

RD Number: 977063-11-8

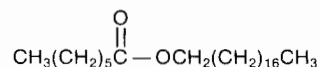
**Definition:** Stearyl Caprylate is the ester of stearyl alcohol and caprylic acid. It conforms to the formula:



### STEARYL HEPTANOATE

RD Number: 977063-12-9

**Definition:** Stearyl Heptanoate is the ester of stearyl alcohol and heptanoic acid. It conforms to the formula:



**Other Names:**

PCL Solid 2/066220 (*Dragoco*)

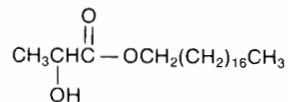
Pur-Cellin Solid (*Dragoco*)

Pur-Cellin Wax (*Dragoco*)

### STEARYL LACTATE

RD Number: 977058-35-7

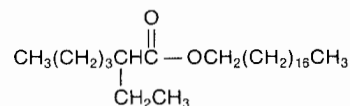
**Definition:** Stearyl Lactate is the ester of stearyl alcohol and lactic acid. It conforms generally to the formula:



### STEARYL OCTANOATE

RD Number: 977063-16-3

**Definition:** Stearyl Octanoate is the ester of stearyl alcohol and 2-ethylhexanoic acid. It conforms to the formula:



**Other Names:**

Stearyl 2-Ethylhexanoate

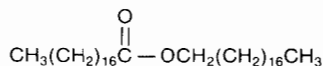
### STEARYL STEARATE

CAS Number: 2778-96-3

**Definition:** Stearyl Stearate is the ester of stearyl alcohol and stearic acid. It conforms to the formula:



## Stearyl Stearate (Cont.)



*Information Sources:* 21CFR121.2531

*Other Names:*

Cyclochem SS (Cyclo)  
Lipocol SS (Lipo)

## STILLINGIA

*RD Number:* 977002-65-5

*Definition:* Stillingia is a natural product obtained from the dried roots of *Stillingia sylvatica*.

*Information Sources:* HP, MI

## STONEROOT

*RD Number:* 977023-12-3

*Definition:* Stoneroot is a plant material obtained from *Collinsonia canadensis*.

*Information Sources:* HP, MI

## STONEROOT EXTRACT

*CAS Number:* MX8006-46-0

*Definition:* Stoneroot Extract is an extract derived from *Collinsonia canadensis*.

*Information Sources:* HP

## STRAMONIUM

*CAS Number:* MX8063-18-1

*Definition:* Stramonium is a plant material obtained from *Datura stramonium*.

*Information Sources:* ARG, BEL, BP, BPC, BRA, DDR, EGY, EP, FI, HP, HUN, IND, ITA, MAR, MI, PF, POL, POR, ROM, USD, USSR, WHO, YUG

## STRAMONIUM EXTRACT

*RD Number:* 977021-07-0

*Definition:* Stramonium Extract is an extract of the dried leaves and flowering tops of *Datura stramonium*.

*Information Sources:* ARG, BP1971, EGY, HP

## STRAWBERRY JUICE

*RD Number:* 977066-12-8

*Definition:* Strawberry Juice is the liquid expressed from the pulp of fresh strawberries.

## STRONTIUM DIOXIDE

*CAS Number:* 1314-18-7

## Succinic Acid

*Definition:* Strontium Dioxide is the inorganic salt that conforms to the formula:



*Information Sources:* MI

*Other Names:*

Strontium Peroxide

## STRONTIUM HYDROXIDE

*CAS Number:* 1311-10-0

*Definition:* Strontium Hydroxide is the inorganic salt that conforms to the formula:



*Information Sources:* CTFA, MI

*Other Names:*

Strontium Hydrate

## STYRENE/ACRYLATE/AMMONIUM METHACRYLATE POLYMER

*RD Number:* 977068-58-8

*Definition:* Styrene/ Acrylate/ Ammonium Methacrylate Polymer is a polymer of styrene, ammonium methacrylate and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

## STYRENE/ACRYLATE COPOLYMER

*RD Number:* 977063-04-9

*Definition:* Styrene/ Acrylate Copolymer is a polymer of styrene and a monomer consisting of acrylic acid, methacrylic acid or one of their simple esters.

*Information Sources:* 21CFR121.2526, 21CFR121.2611

## STYRENE/MALEIC ANHYDRIDE COPOLYMER

*RD Number:* 977062-45-5

*Definition:* Styrene/ Maleic Anhydride Copolymer is a polymer of styrene and maleic anhydride monomers.

*Information Sources:* 21CFR121.2507, 21CFR121.2526, 21CFR121.2550, 21CFR121.2626

*Other Names:*

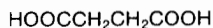
Lytron 820 (Monsanto)

## SUCCINIC ACID

*CAS Number:* 110-15-6

*Definition:* Succinic Acid is the organic dicarboxylic acid that conforms to the formula:

## Succinic Acid (Cont.)

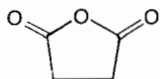


*Information Sources:* CTFA, FCC, MI, NED, 21CFR121.101

## SUCCINIC ANHYDRIDE

*CAS Number:* 108-30-5

*Definition:* Succinic Anhydride is the organic anhydride that conforms to the formula:

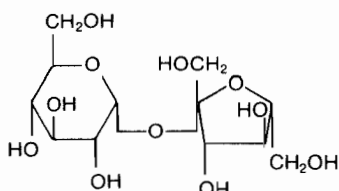


*Information Sources:* MI, 21CFR121.1031

## SUCROSE

*CAS Number:* 57-50-1

*Definition:* Sucrose is the disaccharide that conforms to the formula:



*Information Sources:* BP, BPC, BRA, DDR, EP, FIN, HUN, IND, ITA, MAR, MEX, MI, PJ, PN, USD, USP, YUG, 21CFR121.101

*Other Names:*  
Sugar

## SUCROSE ACETATE ISOBUTYRATE

*CAS Number:* 126-13-6

*Definition:* Sucrose Acetate Isobutyrate is the mixed ester of sucrose and acetic and isobutyric acids.

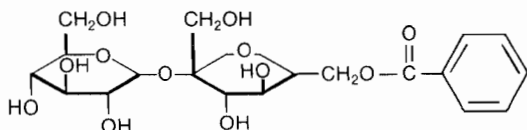
*Information Sources:* 21CFR121.2520

*Other Names:*  
SAIB

## SUCROSE BENZOATE

*RD Number:* 977060-29-9

*Definition:* Sucrose Benzoate is the disaccharide ester that conforms generally to the formula:



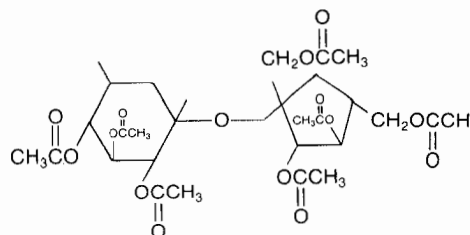
*Information Sources:* 21CFR121.2520

## Sulfur Dioxide

## SUCROSE OCTAACETATE

*CAS Number:* 126-14-7

*Definition:* Sucrose Octaacetate is an organic acetylation product of sucrose. It conforms to the formula:



*Information Sources:* MAR, MI, NF, 21CFR121.1164, 21CFR121.2520, 27CFR212.94

## SULFATED CASTOR OIL

*CAS Number:* MX8002-33-3

*Definition:* Sulfated Castor Oil is the oil that consists primarily of the sodium salt of the sulfated triglyceride of ricinoleic acid.

*Information Sources:* CTFA, MAR, MI, 21CFR121.2507

*Other Names:*  
Avirol 130 (Henkel)  
Castor Oil, Sulfated  
Monopol Oil (GAF)  
Monopole Oil (Diamond Shamrock)  
Monosulf (Diamond Shamrock)  
Sulfonated Castor Oil  
Turkey-Red Oil

## SULFATED GLYCERYL OLEATE

*RD Number:* 977068-59-9

*Definition:* Sulfated Glycerol Oleate is the product of the sulfation of Glycerol Oleate (q.v.).

## SULFUR

*CAS Number:* 7704-34-9

*Definition:* Sulfur is a naturally occurring element.

*Information Sources:* ARG, AUS, BP, BPC, CZE, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, MAR, MI, NFJ, PJ, PN, ROM, USD, USP, USSR, YUG, 21CFR121.2520, 21CFR121.2550

*Other Names:*  
Royal RM98 D Sulfur (Royal)  
Sulfur Precipitated

## SULFUR DIOXIDE

*CAS Number:* 7446-09-5

*Definition:* Sulfur Dioxide is the gas that conforms to the formula:



*Information Sources:* MAR, MI, USD, USP,  
21CFR121.101

**SULFURIC ACID**

*CAS Number:* 7664-93-9

*Definition:* Sulfuric Acid is the inorganic acid that conforms to the formula:



*Information Sources:* ARG, AUS, BPC, BRA, DDR, EGY, FCC, FI, HP, IND, MAR, MI, PF, PN, POR, YUG, 21CFR121.101

**SUNFLOWER SEED OIL**

*CAS Number:* MX8001-21-6

*Definition:* Sunflower Seed Oil is the oil expressed from the seeds of the sunflower, *Helianthus annuus*.

*Information Sources:* CZE, HUN, MAR, MI, ROM

*Other Names:*

Lipovol Sun (*Lipo*)

**SWEET ALMOND OIL**

*CAS Number:* MX8007-69-0

*Definition:* Sweet Almond Oil is the fixed oil obtained from the ripe seed kernel of various species of *Prunus*.

*Information Sources:* ARG, BP, BPC, EGY, FIN, ITA, MAR, MEX, MI, NF, POR, SNPF, USD

*Other Names:*

Almond Oil, Sweet  
Lipovol ALM (*Lipo*)  
Oil of Sweet Almond

**SWEET MARJORAM OIL**

*RD Number:* 977066-09-3

*Definition:* Sweet Marjoram Oil is the volatile oil distilled from the leaves of *Origanum majorana*. It consists largely of terpenes.

*Information Sources:* 21CFR121.101

*Other Names:*

Oil of Sweet Marjoram

**SYNTHETIC BEESWAX**

*Definition:* Synthetic Beeswax is a wax synthetically derived to be generally indistinguishable from natural beeswax with regard to composition and properties.

*Information Sources:* CTFA

**SYNTHETIC SPERMACETI**

*RD Number:* 977067-67-6

*Definition:* Synthetic Spermaceti is a wax synthetically derived to be generally indistinguishable from natural spermaceti wax with regard to composition and properties. It consists chiefly of a mixture of esters of 14 to 18 carbon fatty acids and alcohols.

*Information Sources:* NF

*Other Names:*

Cyclochem SPS (*Cyclo*)  
Ross Spermaceti Wax Substitute #573 (*Frank B. Ross*)  
Spermwax (*Robeco*)  
Starfol Wax CG (*Ashland*)  
Synaceti 125 (*Smith*)

**SYNTHETIC WAX**

*Definition:* Synthetic Wax is a wax derived generally through Fischer-Tropsch or ethylene polymerization processes.

*Information Sources:* 21CFR121.1239,  
21CFR121.2520, 21CFR121.2575, 21CFR121.2618

*Other Names:*

Duron Petroleum Micro Wax 175/180 (*Dura*)  
Duron White 195-D Wax (*Dura*)  
Duron 180-D Wax (*Dura*)  
Duron 195-F Wax (*Dura*)  
Duroxon J324 AM (*Dura*)  
Duroxon J324 ST (*Dura*)  
Duroxon J324 V (*Dura*)  
Microfine II (*Dura*)  
Microfine II-F (*Dura*)  
Microfine II-FS (*Dura*)  
Microfine VI (*Dura*)  
Microfine VI-F (*Dura*)  
Microfine VI-FS (*Dura*)  
Microfine VI-FX (*Dura*)  
Microfine VIII (*Dura*)  
Microfine VIII-F (*Dura*)  
Synthetic Oxidized Veba Wax AX 1539 (*Dura*)  
Synthetic Oxidized Veba Wax AX 2729 (*Dura*)  
Synthetic Oxidized Veba Wax B60 (*Dura*)  
Synthetic Oxidized Veba Wax B120 (*Dura*)  
Synthetic Oxidized Veba Wax C20 (*Dura*)  
Synthetic Oxidized Veba Wax C60 (*Dura*)  
Uniwax 1050 (*Dura*)  
Veba-Wax A-217 (*Dura*)  
Veba-Wax A-227 (*Dura*)  
Veba-Wax A-235 (*Dura*)  
Veba-Wax A-310 (*Dura*)  
Veba-Wax A-415 (*Dura*)  
Veba-Wax A-560 (*Dura*)  
Veba-Wax A-616 (*Dura*)

**Synthetic Wax (Cont.)**

Veba-Wax FT-150 (*Dura*)  
Veba-Wax FT-150P (*Dura*)  
Veba-Wax FT-200 (*Dura*)  
Veba-Wax FT-300 (*Dura*)  
Vebafine A-616 (*Dura*)

**TALC**

CAS Number: 14807-96-6

**Definition:** Talc is a powdered native, hydrous magnesium silicate sometimes containing a small portion of aluminum silicate.

**Information Sources:** CTFA, ARG, AUS, BP, BPC, BRA, CI 77718 CZE, DA, DDR, EGY, FIN, HUN, IND, ITA, MAR, MEX, MI, PF, PJ, PN, POR, ROM, SNPF, USD, USP, USSR, YUG, 21CFR8.6013, 21CFR121.101, 21CFR121.2514

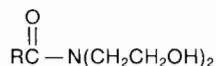
**Other Names:**

AGI Talc, BC 1615 (*Whittaker, Clark & Daniels*)  
 Alpine Talc USP, BC 127 (*Whittaker, Clark & Daniels*)  
 Alpine Talc USP, BC 141 (*Whittaker, Clark & Daniels*)  
 Alpine Talc USP, BC 662 (*Whittaker, Clark & Daniels*)  
 Lo Micron Talc USP, BC 2755 (*Whittaker, Clark & Daniels*)  
 Lo Micron Talc 1 (*Whittaker, Clark & Daniels*)  
 Lo Micron Talc, BC 1621 (*Whittaker, Clark & Daniels*)  
 Metro Talc 4604 (*Whittaker, Clark & Daniels*)  
 Metro Talc 4608 (*Whittaker, Clark & Daniels*)  
 Metro Talc 4609 (*Whittaker, Clark & Daniels*)  
 #907 Micro Talc (*Chrystal*)  
 Nyltal (*Vanderbilt*)  
 OOS (*Salomon & Bro.*)  
 OXO (*Salomon & Bro.*)  
 Purtaic USP (*Chrystal*)  
 Snowgoose (*Vanderbilt*)

**TALLAMIDE DEA**

RD Number: 977068-70-4

**Definition:** Tallamide DEA is a mixture of diethanolamides of Tall Oil (q.v.). It conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} - \end{array}$  is derived from tall oil.

**Other Names:**

N,N-Bis(2-Hydroxyethyl) Tall Oil Acid Amide  
 Carsamide T (*Carson*)  
 Condensate T (*Chemical Products*)  
 Diethanolamine Tall Oil Acid Amide  
 Tall Oil Acid Diethanolamide

**TALL OIL**

CAS Number: MX8002-26-4

**Definition:** Tall Oil is a by-product of wood pulp used in the paper industries. It is recovered from the pine wood liquor during the sulfate or kraft paper process. Tall Oil contains rosin acids, oleic and linoleic acids and long chain alcohols.

**Information Sources:** MI, 21CFR121.101, 21CFR121.2005, 21CFR121.2519, 21CFR121.2520, 21CFR121.2535, 21CFR121.2562

**TALL OIL ACID**

RD Number: 977059-04-3

**Definition:** Tall Oil Acid is the mixture of rosin acids and fatty acids recovered from the hydrolytic splitting of Tall Oil (q.v.).

**Information Sources:** 21CFR121.2535, 21CFR121.2557, 21CFR121.2562

**Other Names:**

Acintol EPG (*Arizona*)  
 Acintol FA-1 (*Arizona*)  
 Acintol FA-2 (*Arizona*)

**TALL OIL STEROL**

RD Number: 977068-60-2

**Definition:** Tall Oil Sterol is the complex mixture of phytosterols (polycyclic polyterpenes, complex monohydric alcohols and their esters) recovered from fractions of Tall Oil (q.v.).

**Other Names:**

Generol 425 (*General Mills*)

**TALLOW**

RD Number: 977002-72-4

**Definition:** Tallow is the fat derived from the fatty tissue of sheep or cattle. It consists primarily of fatty acid glycerides.

**Information Sources:** CTFA, MI, 21CFR121.101, 21CFR121.2519, 21CFR121.2526, 21CFR121.2535

**Other Names:**

Beef Tallow  
 Mutton Tallow  
 Tallow, Beef  
 Tallow, Mutton

**TALLOW ACID**

RD Number: 977058-37-9

*Definition:* Tallow Acid is the mixture of fatty acids derived from Tallow (q.v.).

*Information Sources:* 21CFR121.2535

*Other Names:*

Glycon DT (*Glyco*)  
Groco 40 (*Gross, A.*)  
Groco 41 (*Gross, A.*)  
Hy-Phi 4204 (*Darling*)  
T-18 (*Procter & Gamble*)

**TALLOW AMIDE**

RD Number: 977058-38-0

*Definition:* Tallow Amide is the mixture of amides that conforms to the formula:



where  $\overset{\text{O}}{\parallel}{R}C-$  represents the tallow acid radical.

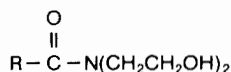
*Other Names:*

Armide HT (*Armak*)

**TALLOWAMIDE DEA**

RD Number: 977069-73-0

*Definition:* Tallowamide DEA is a mixture of ethanolamides of Tallow Acid (q.v.). It conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{R}C-$  represents the tallow acid radical.

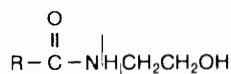
*Other Names:*

N,N-Bis(2-Hydroxyethyl) Tallow Acid Amide  
Cyclomide TD (*Witco/Cyclo Div*)  
Diethanolamine Tallow Acid Amide  
Tallow Acid Diethanolamide

**TALLOWAMIDE MEA**

RD Number: 977060-48-2

*Definition:* Tallowamide MEA is a mixture of ethanolamides of Tallow Acid (q.v.). It conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{R}C-$  represents the Tallow acid radical.

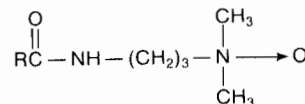
*Other Names:*

Cyclomide TM (*Witco/Cyclo Div.*)  
N-(2-Hydroxyethyl) Tallow Acid Amide  
Monoethanolamine Tallow Acid Amide  
Tallow Acid Monoethanolamide

**TALLOW AMIDOPROPYLAMINE OXIDE**

RD Number: 977058-98-2

*Definition:* Tallow Amidopropylamine Oxide is the tertiary amine oxide that conforms generally to the formula:



where  $\overset{\text{O}}{\parallel}{R}C-$  represents the tallow acid radical.

*Other Names:*

Ammonyx TDO (*Onyx*)

**TALLOW AMINE**

CAS Number: MX8031-10-5

*Definition:* Tallow Amine is the primary aliphatic amine derived from tallow acid. It conforms generally to the formula:



where R represents the tallow fatty radicals.

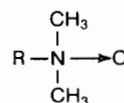
*Other Names:*

Armeen TD (*Armak*)

**TALLOW AMINE OXIDE**

RD Number: 977058-39-1

*Definition:* Tallow Amine Oxide is the mixture of aliphatic dimethyl amine oxides that conforms generally to the formula:



where R represents the tallow fatty radicals.

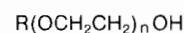
*Other Names:*

Conco XAT (*Continental Chemical*)  
Tallow Dimethyl Amine Oxide

**TALLOWETH-6**

RD Number: 977055-82-5

*Definition:* Talloweth-6 is the polyethylene glycol ether of tallow alcohol. It conforms generally to the formula:



where R represents the tallow alcohol radicals and n has an average value of 6.

*Other Names:*

Polyethylene Glycol (6) Tallow Ether  
Polyoxyethylene (6) Tallow Ether

## Tallow Glyceride

### TALLOW GLYCERIDE

CAS Number: MX8040-07-1

**Definition:** Tallow Glyceride is the monoglyceride derived from Tallow (q.v.).

**Other Names:**

Monomuls 90-20 (*Gruenau*)  
Myverol 18-30 (*Eastman*)  
Tallow Monoglyceride

### TALLOW GLYCERIDES

**Definition:** Tallow Glycerides is a mixture of mono, di and triglycerides derived from Tallow (q.v.).

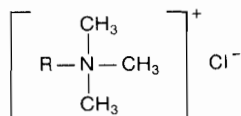
**Other Names:**

Monomuls 50-20 (*Gruenau*)  
Monomuls 60-20 (*Gruenau*)

### TALLOWTRIMONIUM CHLORIDE

RD Number: 977062-08-0

**Definition:** Tallowtrimonium Chloride is the quaternary ammonium salt that conforms generally to the formula:



where R represents the tallow fatty radicals.

**Other Names:**

Arquad T-50 (*Armak*)  
Tallow Trimethyl Ammonium Chloride

### TAR OIL

CAS Number: MX8002-29-7

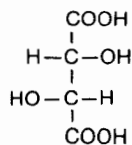
**Definition:** Tar Oil is a volatile oil distilled from wood tar, generally from the *Pinaceae* species.

**Information Sources:** MI

### TARTARIC ACID

CAS Number: 526-83-0

**Definition:** Tartaric Acid is the organic acid that conforms to the levo configuration:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, FCC, FIN, HP, HUN, ITA, MAR, MEX, MI, NF, PJ, PN, POR, ROM, USD, WHO, YUG, 21CFR121.101

**Other Names:**

Natural Tartaric Acid  
l-Tartaric Acid

## TEA-Cocoyl Glutamate

### TEA-ABIETOYL HYDROLYZED ANIMAL PROTEIN

RD Number: 977069-83-2

**Definition:** TEA-Abietoyl Hydrolyzed Animal Protein is the triethanolamine salt of the condensation product of abietic acid and Hydrolyzed Animal Protein (q.v.).

**Other Names:**

Lamepon PA-TR (*Gruenau*)  
Triethanolamine Hydrolyzed Animal Protein

### TEA-C12-15 ALCOHOLS SULFATE

RD Number: 977069-74-1

**Definition:** TEA-C12-15 Alcohols Sulfate is the triethanolamine salt of the sulfate of C12-15 Alcohols (q.v.).

**Other Names:**

Avirol 300 (*Henkel*)  
Triethanolamine C12-15 Alcohols Sulfate

### TEA-COCOATE

RD Number: 977058-40-4

**Definition:** TEA-Cocoate is the triethanolamine soap derived from coconut fatty acids.

**Other Names:**

Triethanolamine Coconut Acid

### TEA-COCO-HYDROLYZED ANIMAL PROTEIN

RD Number: 977061-50-9

**Definition:** TEA-Coco-Hydrolyzed Animal Protein is the triethanolamine salt of the condensation product of Coconut Acid (q.v.) and Hydrolyzed Animal Protein (q.v.).

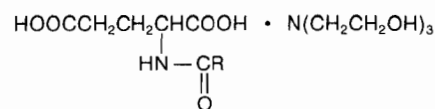
**Other Names:**

Lamepon S-TR (*Gruenau*)  
Lamepon S2-TR (*Gruenau*)  
Maypon 4CT (*Stepan*)  
Triethanolamine Coco-Hydrolyzed Animal Protein

### TEA-COCOYL GLUTAMATE

RD Number: 977068-61-3

**Definition:** TEA-Cocoyl Glutamate is the triethanolamine salt of the coconut acid amide of glutamic acid. It conforms generally to the formula:



where  $\text{RC}-$  represents the coconut acid radical.

**Other Names:**

Amisoft CT-12 (*Ajinomoto*)  
Triethanolamine Cocoyl Glutamate

## TEA-Cocoyl Sarcosinate

### TEA-COCOYL SARCOSINATE

RD Number: 977068-62-4

**Definition:** TEA-Cocoyl Sarcosinate is the triethanolamine salt of Cocoyl Sarcosine (q.v.).

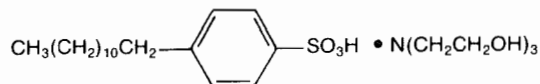
**Other Names:**

Triethanolamine Cocoyl Sarcosinate

### TEA-DODECYLBENZENESULFONATE

CAS Number: 27323-41-7

**Definition:** TEA-Dodecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Bio Soft N-300 (Stepan)  
Calsoft T-60 (Pilot)  
Carsosulf T-60-L (Carson)  
Conco AAS-60 (Continental Chemical)  
Cycloryl TABS (Witco/Cyclo Div)  
Richonate S-1280 (Richardson)  
Richonate TAB (Richardson)  
Richonate 5725 (Richardson)  
Sulframmin 60T (Witco)  
Triethanolamine Dodecylbenzenesulfonate  
Ultrawet 60L (ARCO)  
Witconate 79S (Witco)

### TEA-HYDROCHLORIDE

CAS Number: 637-39-8

**Definition:** TEA-Hydrochloride is the salt that conforms to the formula:



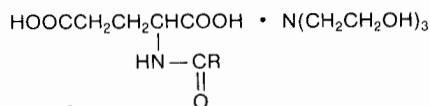
**Other Names:**

Triethanolamine Hydrochloride

### TEA-HYDROGENATED TALLOW GLUTAMATE

RD Number: 977068-63-5

**Definition:** TEA-Hydrogenated Tallow Glutamate is the triethanolamine salt of the hydrogenated tallow acid amide of glutamic acid. It conforms generally to the formula:



where  $\begin{array}{c} \text{O} \\ || \\ \text{RC} \end{array}$  represents the hydrogenated tallow radicals.

**Other Names:**

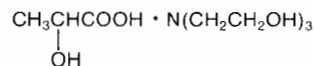
Amisoft HT-12 (Ajinomoto)  
Triethanolamine Hydrogenated Tallow Glutamate

## TEA-Lauroyl Glutamate

### TEA-LACTATE

RD Number: 977069-75-2

**Definition:** TEA-Lactate is the triethanolamine salt of lactic acid that conforms generally to the formula:



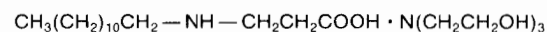
**Other Names:**

Triethanolamine Lactate

### TEA-LAURAMINOPROPIONATE

RD Number: 977058-41-5

**Definition:** TEA-Lauraminopropionate is the triethanolamine salt of a substituted propionic acid. It conforms generally to the formula:



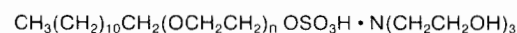
**Other Names:**

Deriphat 170B (General Mills)  
TEA N-Lauryl, Myristyl  $\beta$ -Aminopropionate  
Triethanolamine Lauryl Aminopropionate

### TEA-LAURETH SULFATE

RD Number: 977068-64-6

**Definition:** TEA-Laureth Sulfate is the triethanolamine salt of ethoxylated lauryl sulfate. It conforms to the formula:



where n averages between 1 and 4.

**Information Sources:** SNPF

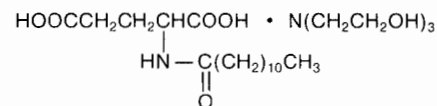
**Other Names:**

Alscoap TA-40 (Toho)  
Cycloryl TD (Cyclo)  
Cycloryl TD (Witco/Cyclo Div)  
Standapol ETA-2 (Henkel)  
Texapon NT (Henkel)  
Triethanolamine Lauryl Ether Sulfate

### TEA-LAUROYL GLUTAMATE

CAS Number: 31955-67-6

**Definition:** TEA-Lauroyl Glutamate is the triethanolamine salt of the lauric acid amide of glutamic acid. It conforms generally to the formula:



**Other Names:**

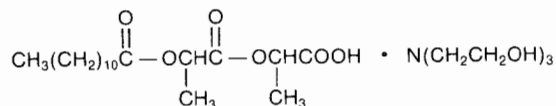
Amisoft LT-12 (Ajinomoto)  
Triethanolamine Lauroyl Glutamate



**TEA-LAUROYL LACTYLATE**

RD Number: 977068-65-7

*Definition:* TEA-Lauroyl Lactylate is the triethanolamine salt of the lauric acid ester of lactyl lactylate. It conforms to the formula:

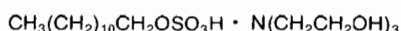
*Other Names:*

Triethanolamine Lauroyl Lactylate

**TEA-LAURYL SULFATE**

CAS Number: 139-96-8

*Definition:* TEA-Lauryl Sulfate is the triethanolamine salt of lauryl sulfuric acid that conforms to the formula:

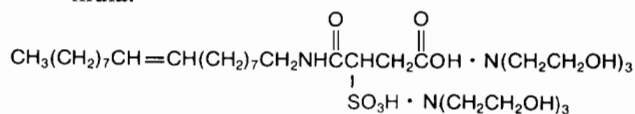
*Information Sources:* CTFA, SNPF*Other Names:*

Carsonol TLS (*Carson*)  
 Conco Sulfate TL (*Continental Chemical*)  
 Cycloryl TA (*Witco/Cyclo Div*)  
 Cycloryl WAT (*Cyclo*)  
 Duponol EL (*DuPont*)  
 Emersal 6434 (*Malmstrom*)  
 Genapol LRT 40 (*American Hoechst*)  
 Maprofix TLS 65 (*Onyx*)  
 Maprofix TLS 500 (*Onyx*)  
 Maprofix TLS 513 (*Onyx*)  
 Product No. 154 (*Procter & Gamble*)  
 Product WAT (*Procter & Gamble*)  
 Rewopol TLS 40 (*Rewo*)  
 Richonol T (*Richardson*)  
 Sipon LT6 (*Alcolac*)  
 Sipon TLS-65 (*Alcolac*)  
 Standapol T (*Henkel*)  
 Standapol TS-100 (*Henkel*)  
 Stepanol WAT (*Stepan*)  
 Sterling WAT (*Canada Packers*)  
 Sulfotex WAT (*Textilana*)  
 Triethanolamine Lauryl Sulfate  
 Triethanolammonium Lauryl Sulfate  
 Varonol TAS (*Ashland*)

**TEA-MONOOLEAMIDOSULFOSUCCINATE**

RD Number: 977058-42-6

*Definition:* TEA-Monooleamidulosulfosuccinate is the ditriethanolamine salt of the monooleyl amide of sulfosuccinic acid. It conforms generally to the formula:

*Other Names:*

Standapol SH-300 (*Henkel*)  
 Triethanolamine Monooleamidulosulfosuccinate

**TEA-MYRISTOYL HYDROLYZED ANIMAL PROTEIN**

RD Number: 977068-49-7

*Definition:* TEA-Myristoyl Hydrolyzed Animal Protein is the triethanolamine salt of the condensation product of myristic acid and Hydrolyzed Animal Protein (q.v.).

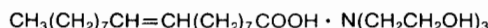
*Other Names:*

Triethanolamine Myristoyl Hydrolyzed Animal Protein  
 WSP-A200 Aqua-Pro (*Inolex*)  
 WSP-A200T (*Inolex*)

**TEA-OLEATE**

CAS Number: 2717-15-9

*Definition:* TEA-Oleate is the salt that conforms generally to the formula:

*Other Names:*

Triethanolamine Oleate

**TEA-OLEOYL HYDROLYZED ANIMAL PROTEIN**

RD Number: 977068-50-0

*Definition:* TEA-Oleoyl Hydrolyzed Animal Protein is the triethanolamine salt of the condensation product of oleic acid and Hydrolyzed Animal Protein (q.v.).

*Other Names:*

Lamepon PO-TR (*Gruenau*)  
 Triethanolamine Oleoyl Hydrolyzed Animal Protein

**TEA-OLEOYL SARCOSINATE**

RD Number: 977064-45-1

*Definition:* TEA-Oleoyl Sarcosinate is the triethanolamine salt of Oleoyl Sarcosine (q.v.).

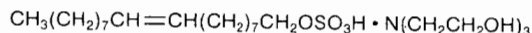
*Other Names:*

TEA-Oleoyl/Cocoyl Sarcosinate (*American Cyanamid*)  
 Triethanolamine Oleoyl Sarcosinate

**TEA-OLEYL SULFATE**

RD Number: 977068-66-8

*Definition:* TEA-Oleyl Sulfate is the triethanolamine salt of oleyl sulfate. It conforms to the formula:

*Other Names:*

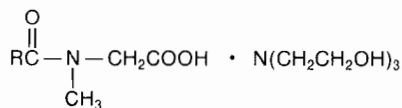
Triethanolamine Oleyl Sulfate

## TEA-Palm Kernel Sarcosinate

### TEA-PALM KERNEL SARCOINATE

RD Number: 977064-50-8

**Definition:** TEA-Palm Kernel Sarcosinate is the triethanolamine salt of palm kernel sarcosine. It conforms generally to the formula:



where RC- represents the palm kernel radicals.

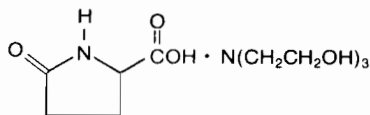
**Other Names:**

Sarkosine KF (*American Hoechst*)  
Triethanolamine Palm Kernel Sarcosinate

### TEA-PCA

RD Number: 977058-43-7

**Definition:** TEA-PCA is the salt that conforms generally to the formula:



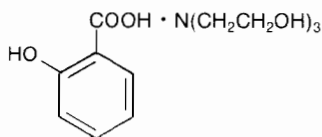
**Other Names:**

Triethanolamine-dl-2-Pyrrolidone-5-Carboxylate

### TEA-SALICYLATE

CAS Number: 10377-95-4

**Definition:** TEA-Salicylate is the triethanolamine salt of salicylic acid that conforms generally to the formula:



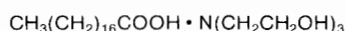
**Other Names:**

Sunarome W (*Felton*)  
Triethanolamine Salicylate

### TEA-STEARATE

CAS Number: 10248-74-5

**Definition:** TEA-Stearate is the salt of triethanolamine and stearic acid. It conforms to the formula:



**Other Names:**

Triethanolamine Stearate

## Tetrachloroethylene

### TEA TREE OIL

CAS Number: MX8024-02-0

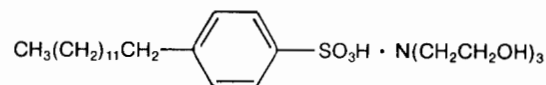
**Definition:** Tea Tree Oil is the oil distilled from the leaves of the *Melaleuca alternifolia*.

**Information Sources:** ARG, MAR

### TEA-TRIDECYLBENZENESULFONATE

RD Number: 977058-44-8

**Definition:** TEA-Tridecylbenzenesulfonate is the substituted aromatic compound that conforms generally to the formula:



**Information Sources:** CTFA

**Other Names:**

Triethanolamine Tridecylbenzenesulfonate

### TEA-UNDECYLENOYL HYDROLYZED ANIMAL PROTEIN

RD Number: 977068-48-6

**Definition:** TEA-Undecylenoyl Hydrolyzed Animal Protein is the triethanolamine salt of the condensation product of undecylenic acid and Hydrolyzed Animal Protein (q.v.).

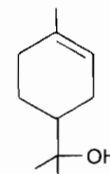
**Other Names:**

Maypon UDT (*Stepan*)  
Triethanolamine Undecylenoyl Hydrolyzed Animal Protein

### TERPINEOL

CAS Number: MX8000-41-7

**Definition:** Terpeneol is a mixture of the isomers of the organic compound that conforms generally to the formula:



**Information Sources:** BPC, FCC, MAR, MI, 21CFR121.1164, 21CFR121.2520

**Other Names:**

Alpha-Terpeneol  
Terpeneol 318 (*Hercules*)

### TETRACHLOROETHYLENE

CAS Number: 127-18-4

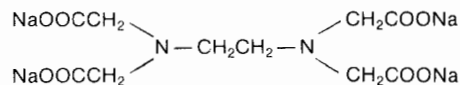
**Definition:** Tetrachloroethylene is the chlorinated hydrocarbon that conforms to the formula:



**TETRASODIUM EDTA**

CAS Number: 64-02-8

**Definition:** Tetrasodium EDTA is the substituted amine that conforms to the formula:



**Information Sources:** CTFA, MI, USAN, 21CFR121.1088, 21CFR121.2514, 21CFR121.2519, 21CFR121.2520, 21CFR121.2535

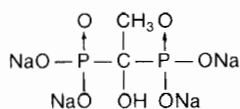
**Other Names:**

Cheelix BF-12 (GAF)  
 Cheelix BF-13 (GAF)  
 Cheelix BF-78 (GAF)  
 Chelon 100 (Stauffer)  
 Edetate Sodium  
 Hamp-Ene Na<sub>4</sub> (Hampshire)  
 Hamp-Ene 100 (Hampshire)  
 Hamp-Ene 215 (Hampshire)  
 Perma Klear Tetra CP (Onyx)  
 Perma Klear 100 (Onyx)  
 Questex 4SW (Stauffer)  
 Sequestrene Na 4 (Ciba-Geigy)  
 Sequestrene 30A (Ciba-Geigy)  
 Sodium Edetate  
 Tetrasodium Edetate  
 Tetrasodium Ethylene Diamine  
 Tetraacetate  
 Versene Powder Tetra Sodium (Dow)

**TETRASODIUM ETIDRONATE**

CAS Number: 3794-83-0

**Definition:** Tetrasodium Etidronate is the diphosphonic acid derivative that conforms to the formula:

**Other Names:**

Tetrasodium 1-Hydroxyethane-1,1-Diphosphonate  
 Turpinal 4NL (Henkel)

**TETRASODIUM PYROPHOSPHATE**

CAS Number: 7722-88-5

**Definition:** Tetrasodium Pyrophosphate is the inorganic salt that conforms to the formula:



**Information Sources:** CTFA, FCC, MI, 21CFR121.101, 21CFR121.1088, 21CFR121.2514

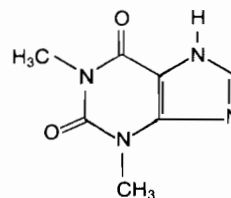
**Other Names:**

Sodium Pyrophosphate

**THEOPHYLLINE**

CAS Number: 58-55-9

**Definition:** Theophylline is the heterocyclic compound that conforms to the formula:



**Information Sources:** ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FIN, HUN, IND, ITA, KOR, MAR, MEX, MI, NED, NFXII, PF, PJ, PN, USD, USP, USSR, WHO, YUG

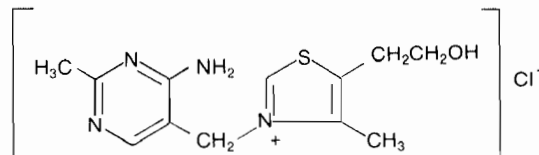
**Other Names:**

1,3-Dimethylxanthine

**THIAMINE HCl**

CAS Number: 67-03-8

**Definition:** Thiamine HCl is the vitamin that conforms to the formula:



**Information Sources:** ARG, BP, BPC, BRA, CZE, DA, DDR, EP, FCC, HUN, IND, ITA, MAR, MEX, MI, NED, PF, PN, POR, ROM, USD, USP, WHO, YUG, 21CFR121.101

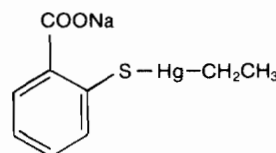
**Other Names:**

Thiamine Hydrochloride

**THIMEROSAL**

CAS Number: 54-64-8

**Definition:** Thimerosal is the aromatic organic compound that conforms to the formula:



**Information Sources:** BP, BPC, DDR, HUN, KOR, MAR, MI, NF, NFJ, PJ, USD

**Other Names:**

Merthiolate (Eli Lilly)  
 Sodium Ethylmercurithiosalicylate  
 Sodium Merthiolate (Eli Lilly)

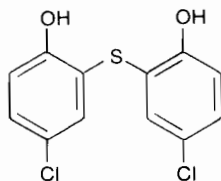
## 2,2'-Thiobis (4-Chlorophenol)

Thiourea

### 2,2'-THIOBIS (4-CHLOROPHENOL)

CAS Number: 97-24-5

*Definition:* 2,2'-Thiobis(4-chlorophenol) is the aromatic compound that conforms to the formula:



*Information Sources:* MI

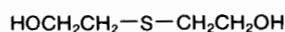
*Other Names:*

Bis(2-Hydroxy-5-Chlorophenyl) Sulfide  
S-7 (Norda)

### THIODIGLYCOL

CAS Number: 111-48-8

*Definition:* Thiodiglycol is the aliphatic alcohol that conforms to the formula:



*Information Sources:* MI

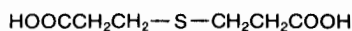
*Other Names:*

Kromfax (Union Carbide)  
2,2'-Thiodiethanol  
Thiodiethylene Glycol

### 3,3'-THIODIPROPIONIC ACID

CAS Number: 111-17-1

*Definition:* 3,3'-Thiodipropionic Acid is the aliphatic acid that conforms to the formula:

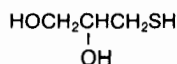


*Information Sources:* MAR, 21CFR121.101,  
21CFR121.2005, 21CFR121.2514, 21CFR121.2566

### THIOGLYCERIN

CAS Number: 96-27-5

*Definition:* Thioglycerin is the aliphatic alcohol that conforms to the formula:



*Information Sources:* MI, NF

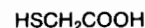
*Other Names:*

Monothioglycerol  
Thioglycerol  
Thiovanol (Evans Chemetics)

### THIOGLYCOLIC ACID

CAS Number: 68-11-1

*Definition:* Thioglycolic Acid is the organic acid that conforms generally to the formula:



*Information Sources:* CTFA, MAR, MI

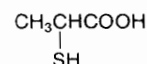
*Other Names:*

Mercaptoacetic Acid  
Thiovanic Acid (Evans Chemetics)

### THIOLACTIC ACID

CAS Number: 79-42-5

*Definition:* Thiolactic Acid is the organic acid that conforms to the formula:



*Information Sources:* MI

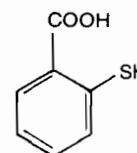
*Other Names:*

$\alpha$ -Mercaptopropionic Acid  
2-Mercaptopropionic Acid

### THIOSALICYLIC ACID

CAS Number: 147-93-3

*Definition:* Thiosalicylic Acid is the aromatic acid that conforms to the formula:



*Information Sources:* MI

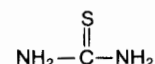
*Other Names:*

2-Mercaptobenzoic Acid

### THIOUREA

CAS Number: 62-56-6

*Definition:* Thiourea is the organic compound that conforms to the formula:



*Information Sources:* MI

*Other Names:*

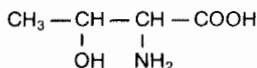
Thiocarbamide

**THREONINE**

CAS Number: (L Form) 72-19-5

RD Number: (DL Form) 977052-35-9

*Definition:* Threonine is the essential amino acid that conforms to the formula:



*Information Sources:* FCC, KOR, MAR, MI, 21CFR121.101, 21CFR121.1002

*Other Names:*

2-Amino-3-Hydroxybutyric Acid

**THYME EXTRACT**

RD Number: 977071-04-7

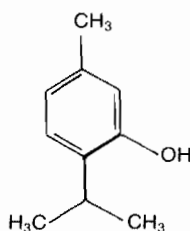
*Definition:* Thyme Extract is an extract of the leaves and flowers of *Thymus vulgaris*.

*Information Sources:* ARG, AUS, BRA, CZE, DDR, FI, ITA, MAR, NED, PN, POL, ROM, 21CFR121.101

**THYMOL**

CAS Number: 89-83-8

*Definition:* Thymol is the aromatic terpene that conforms to the formula:



*Information Sources:* CTFA, ARG, AUS, BP, BPC, BRA, DA, DDR, EGY, FIN, HP, HUN, IND, ITA, KOR, MAR, MI, NFXII, PF, PJ, POR, ROM, USD, USP, WHO, YUG, 21CFR121.1164, 21CFR121.2520

**TIN OXIDE**

CAS Number: 1317-45-9

*Definition:* Tin Oxide is the inorganic salt that conforms to the formula:



*Information Sources:* CI 77861, MI

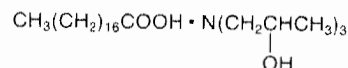
*Other Names:*

Stannic Oxide

**TIPA-STEARATE**

CAS Number: 10042-67-8

*Definition:* TIPA-Stearate is the salt of triisopropanolamine and stearic acid. It conforms to the formula:



*Other Names:*

Triisopropanolamine Monostearate

**TITANIUM DIOXIDE**

CAS Number: 13463-67-7

*Definition:* Titanium Dioxide is the inorganic salt that conforms generally to the formula:



*Information Sources:* CTFA, BPC, BRA, CI 77891, EEC E171, ITA, M3, MAR, MI, NFJ, SNPF, SWE, USD, USP, 21CFR8.316, 21CFR8.502, 21CFR8.6005, 21CFR8.8001, 21CFR121.2005, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2535, 21CFR121.2562, 21CFR121.2572

*Other Names:*

Atlas White Titanium Dioxide (*Kohnstamm*)

C-Weiss 7 (*Germany*)

Cosmetic White C47-5175 (*Sun*)

Cosmetic White C47-9623 (*Sun*)

C47-5175 Cosmetic White (*Sun*)

C47-9623 Cosmetic White (*Sun*)

Germany: C-Weiss 7

Horse Head A-410 (*New Jersey Zinc*)

Horse Head A-420 (*New Jersey Zinc*)

Horse Head R-710 (*New Jersey Zinc*)

Sweden: Titandioxid

Titandioxid (*Sweden*)

Titanox 2010 (*NL Industries*)

**TITANIUM HYDROXIDE**

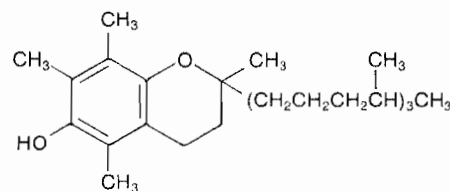
CAS Number: 20338-08-3

*Definition:* Titanium Hydroxide is the inorganic salt that conforms to the formula:

**TOCOPHEROL**

RD Number: 977006-91-9

*Definition:* Tocopherol is the vitamin obtained chiefly from plants that conforms to the formula:



## Tocopherol (Cont.)

*Information Sources:* CTFA, ARG, BRA, FCC, ITA, MAR, MI, NF, PJ, USD, 21CFR121.101

*Other Names:*

DL-Alpha Tocopherol  
D-Alpha Tocopherol  
Covitol F-50 (*General Mills*)  
Covitol 100S (*General Mills*)  
Mixed Tocopherols  
Vitamin E  
Vitamin E No. 60524 (*Roche*)

## TOCOPHERYL ACETATE

*CAS Number:* 7695-91-2

*Definition:* Tocopheryl Acetate is the ester of Tocopherol (q.v.) and acetic acid.

*Information Sources:* AUS, CZE, DA, DDR, EGY, FCC, HUN, ITA, MI, NF, PJ, PN, USD, 21CFR121.101

*Other Names:*

DL-Alpha Tocopheryl Acetate  
D-Alpha Tocopheryl Acetate  
Covitol 81 (*General Mills*)  
Protavit E Acetate (*Protameen*)  
Vitamin E Acetate  
Vitamin E Acetate No. 60526 (*Roche*)

## TOCOPHERYL SUCCINATE

*CAS Number:* 17407-37-3

*Definition:* Tocopheryl Succinate is the ester of Tocopherol (q.v.) and succinic acid.

*Information Sources:* FCC, MI, NF, USD, 21CFR121.101

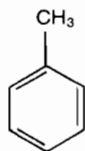
*Other Names:*

DL-Alpha Tocopheryl Succinate  
D-Alpha Tocopheryl Succinate  
Vitamin E Succinate

## TOLUENE

*CAS Number:* 108-88-3

*Definition:* Toluene is the aromatic compound that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, 21CFR121.2507, 21CFR121.2520, 21CFR121.2569, 21CFR121.2571, 21CFR121.2572, 21CFR121.2583, 21CFR121.2591

*Other Names:*

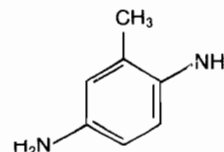
Toluol

## Toluenesulfonamide/Formaldehyde Resin

### TOLUENE-2,5-DIAMINE

*CAS Number:* 95-70-5

*Definition:* Toluene-2,5-Diamine is the substituted aromatic amine that conforms to the formula:



*Information Sources:* CI 76042, MAR

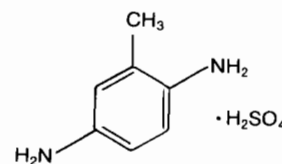
*Other Names:*

2,5-Toluenediamine  
p-Toluenediamine

### TOLUENE-2,5-DIAMINE SULFATE

*CAS Number:* 6369-59-1

*Definition:* Toluene-2,5-Diamine Sulfate is the substituted aromatic amine that conforms to the formula:



*Information Sources:* CI 76043

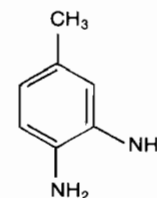
*Other Names:*

2,5-Diaminotoluene Sulfate  
p-Toluenediamine Sulfate

### TOLUENE-3,4-DIAMINE

*CAS Number:* 496-72-0

*Definition:* Toluene-3,4-Diamine is the substituted aromatic amine that conforms to the formula:



*Other Names:*

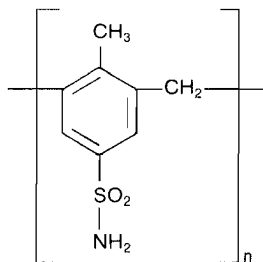
3,4-Diaminotoluene  
4-Methyl-o-Phenylenediamine

### TOLUENESULFONAMIDE/ FORMALDEHYDE RESIN

*CAS Number:* PM9008-60-0

*Definition:* Toluenesulfonamide/Formaldehyde Resin is the polymer derived from toluenesulfonamide and formaldehyde. It conforms generally to the structure:

**Toluenesulfonamide/  
Formaldehyde Resin (Cont.)**



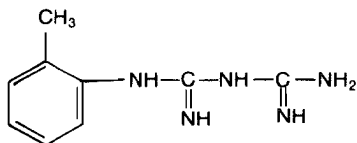
**Information Sources:** CTFA, 21CFR121.2507,  
21CFR121.2526

**Other Names:**  
Santolite MHP (*Monsanto*)  
Santolite MS 80% (*Monsanto*)

**o-TOLYL BIGUANIDE**

**CAS Number:** 93-69-6

**Definition:** o-Tolyl Biguanide is the substituted aromatic compound that conforms to the formula:



**Information Sources:** CTFA

**Other Names:**  
Sopanox (*Monsanto*)

**TRAGACANTH GUM**

**CAS Number:** PM9000-65-1

**Definition:** Tragacanth Gum is the dried gummy exudate obtained from *Astragalus gummifer*.

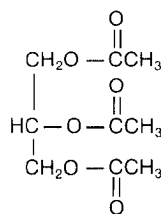
**Information Sources:** ARG, AUS, BEL, BP, BPC, BRA, CZE, DA, EGY, FCC, FI, FIN, HUN, ITA, KOR, MAR, MEX, MI, NFXII, PF, PN, POL, POR, ROM, USD, USP, YUG, 21CFR121.101

**Other Names:**  
Gum Tragacanth

**TRIACETIN**

**CAS Number:** 102-76-1

**Definition:** Triacetin is the triester of glycerin and acetic acid. It conforms to the formula:



**Trichloroethane**

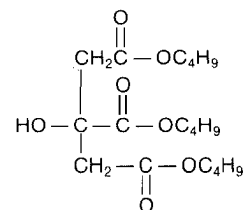
**Information Sources:** EGY, FCC, MAR, MI, NFXIII, 21CFR121.101, 21CFR121.2005, 21CFR121.2514, 21CFR121.2569

**Other Names:**  
Estol 424 (*Price's*)  
Kessco Triacetin (*Armak*)

**TRIBUTYL CITRATE**

**CAS Number:** 77-94-1

**Definition:** Tributyl Citrate is the triester of butyl alcohol and citric acid that conforms to the formula:



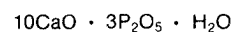
**Information Sources:** MI, 21CFR121.2520

**Other Names:**  
Citroflex 4 (*Pfizer*)

**TRICALCIUM PHOSPHATE**

**CAS Number:** 7758-87-4

**Definition:** Tricalcium Phosphate is the inorganic salt that consists of a variable mixture of calcium phosphates having the approximate composition:



**Information Sources:** ARG, BPC, BRA, EGY, FCC, HP, HUN, IND, MAR, MEX, MI, NF, PF, POR, ROM, USD, 21CFR121.2514

**Other Names:**  
Calcium Orthophosphate  
Calcium Phosphate, Tribasic  
Lustre Phos 'H' (*Monsanto*)

**TRICHLOROETHANE**

**CAS Number:** 71-55-6

**Definition:** Trichloroethane is the halogenated aliphatic hydrocarbon that conforms to the formula:



**Information Sources:** MAR, MI, 21CFR121.2520, 21CFR121.2572



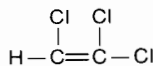
**Other Names:**

Aerothene TT (Dow)  
 Chlorothene NU (Dow)  
 Methylchloroform  
 Solvent 111 (Vulcan)  
 1,1,1-Trichloroethane

**TRICHLOROETHYLENE**

CAS Number: 79-01-6

**Definition:** Trichloroethylene is the halogenated aliphatic hydrocarbon that conforms to the formula:

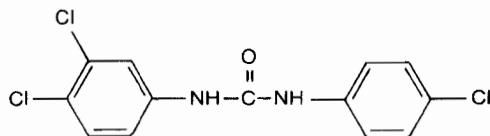


**Information Sources:** AUS, BP, BPC, CZE, DDR, EGY, FCC, HUN, IND, ITA, MAR, MI, NED, NF, PJ, PN, USD, USP XVIII, WHO, 21CFR121.1041, 21CFR121.2520

**TRICLOCARBAN**

CAS Number: 101-20-2

**Definition:** Triclocarban is the substituted aromatic compound that conforms to the formula:



**Information Sources:** CTFA, MAR, MI, USAN

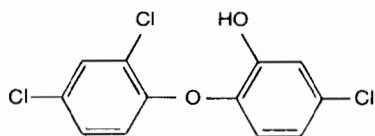
**Other Names:**

TCC  
 3,4,4'-Trichlorocarbanilide

**TRICLOSAN**

CAS Number: 3380-34-5

**Definition:** Triclosan is the substituted organic ether that conforms to the formula:



**Information Sources:** CTFA, SNPF, USAN

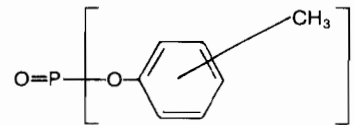
**Other Names:**

5-Chloro-2-(2,4-Dichlorophenoxy)phenol  
 Irgasan DP-300 (Ciba-Geigy)  
 2,4,4'-Trichloro-2'-Hydroxy Diphenyl Ether

**TRICRESYL PHOSPHATE**

CAS Number: 1330-78-5

**Definition:** Tricresyl Phosphate is the mixture of isomeric phosphates that conform generally to the formula:



**Information Sources:** CTFA, MI

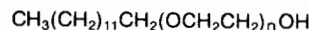
**Other Names:**

TCP

**TRIDECETH-3**

RD Number: 977058-48-2

**Definition:** Trideceth-3 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 3.

**Information Sources:** CTFA, 21CFR121.2519, 21CFR121.2557

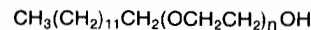
**Other Names:**

Emulphogene BC-420 (GAF)  
 Lipal 3TD (PVO)  
 Lipocol TD-3 (Lipo)  
 PEG-3 Tridecyl Ether  
 Polyethylene Glycol (3) Tridecyl Ether  
 Polyoxyethylene (3) Tridecyl Ether  
 Procol TDA-3 (Protameen)

**TRIDECETH-6**

RD Number: 977058-49-3

**Definition:** Trideceth-6 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 6.

**Information Sources:** 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

**Other Names:**

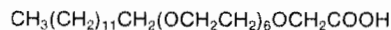
Emulphogene BC-610 (GAF)  
 Ethospense TDA-6 (Glyco)  
 Lipal 6TD (PVO)  
 Lipocol TD-6 (Lipo)  
 PEG-6 Tridecyl Ether  
 Polyethylene Glycol 300 Tridecyl Ether  
 Polyoxyethylene (6) Tridecyl Ether  
 Procol TDA-6 (Protameen)

## Trideceth-7 Carboxylic Acid

### TRIDECETH-7 CARBOXYLIC ACID

RD Number: 977061-70-3

*Definition:* Trideceth-7 Carboxylic Acid is the organic acid that conforms generally to the formula:



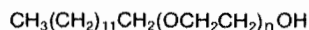
*Other Names:*

Sandopan DTC-Acid (*Sandoz*)

### TRIDECETH-9

RD Number: 977062-57-9

*Definition:* Trideceth-9 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 9.

*Information Sources:* 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

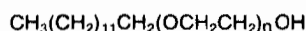
*Other Names:*

PEG-9 Tridecyl Ether  
Polyethylene Glycol 450 Tridecyl Ether  
Polyoxyethylene (9) Tridecyl Ether

### TRIDECETH-10

RD Number: 977058-50-6

*Definition:* Trideceth-10 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 10.

*Information Sources:* 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

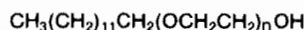
*Other Names:*

Emulphogene BC-720 (*GAF*)  
Lipal 10TD (*PVO*)  
PEG-10 Tridecyl Ether  
Polyethylene Glycol (10) Tridecyl Ether  
Polyoxyethylene (10) Tridecyl Ether

### TRIDECETH-11

RD Number: 977067-68-7

*Definition:* Trideceth-11 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 11.

## Tridecyl Alcohol

*Information Sources:* 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

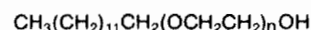
*Other Names:*

Carsonon TD-11 (*Carson*)  
PEG-11 Tridecyl Ether  
Polyethylene Glycol (11) Tridecyl Ether  
Polyoxyethylene (11) Tridecyl Ether

### TRIDECETH-12

RD Number: 977058-51-7

*Definition:* Trideceth-12 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 12.

*Information Sources:* CTFA, 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

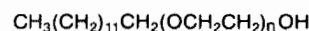
*Other Names:*

Lipocol PT-400 (*Lipo*)  
Lipocol TD-12 (*Lipo*)  
PEG-12 Tridecyl Ether  
Poly-Tergent J-400 (*Olin*)  
Polyethylene Glycol 600 Tridecyl Ether  
Polyoxyethylene (12) Tridecyl Ether  
Procol TDA-12 (*Protameen*)

### TRIDECETH-15

RD Number: 977067-69-8

*Definition:* Trideceth-15 is the polyethylene glycol ether of tridecyl alcohol that conforms generally to the formula:



where n has an average value of 15.

*Information Sources:* 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

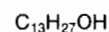
*Other Names:*

PEG-15 Tridecyl Ether  
Polyethylene Glycol (15) Tridecyl Ether  
Polyoxyethylene (15) Tridecyl Ether  
Procol TDA-15 (*Protameen*)

### TRIDECYL ALCOHOL

CAS Number: 112-70-9

*Definition:* Tridecyl Alcohol is the synthetic alcohol that conforms generally to the formula:



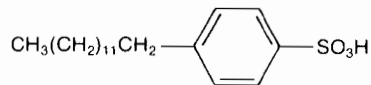
*Information Sources:* 21CFR121.2519, 21CFR121.2520

## Tridecylbenzenesulfonic Acid

### TRIDECYLBENZENESULFONIC ACID

RD Number: 977058-47-1

**Definition:** Tridecylbenzenesulfonic Acid is the substituted aromatic acid that conforms generally to the formula:



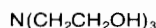
**Other Names:**

Conco ATR-98 (*Continental Chemical*)

### TRIETHANOLAMINE

CAS Number: 102-71-6

**Definition:** Triethanolamine is an alkanolamine that conforms generally to the formula:



**Information Sources:** CTFA, AUS, BPC, BRA, CZE, HUN, IND, ITA, MAR, MEX, MI, NED, NFJ, PJ, USP, 21CFR121.2519, 21CFR121.2520, 21CFR121.2522, 21CFR121.2526, 21CFR121.2531, 21CFR121.2535, 21CFR121.2557, 21CFR121.2562, 21CFR121.2571

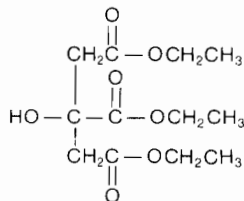
**Other Names:**

TEA

### TRIETHYL CITRATE

CAS Number: 77-93-0

**Definition:** Triethyl Citrate is the triester of ethyl alcohol and citric acid that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.101, 21CFR121.2005, 21CFR121.2514, 21CFR121.2569

**Other Names:**

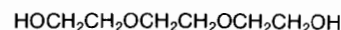
Citroflex 2 (*Pfizer*)

### TRIETHYLENE GLYCOL

CAS Number: 112-27-6

**Definition:** Triethylene Glycol is the aliphatic alcohol that conforms generally to the formula:

## Trilaureth-4 Phosphate

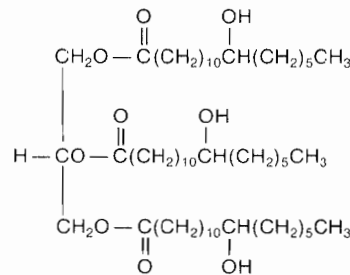


**Information Sources:** CTFA, MAR, MI, 21CFR121.2507, 21CFR121.2511, 21CFR121.2514, 21CFR121.2520, 21CFR121.2531

### TRIHIDROXYSTEARIN

CAS Number: 139-44-6

**Definition:** Trihydroxystearin is the triester of glycerin and Hydroxystearic Acid (q.v.). It conforms generally to the formula:



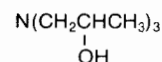
**Other Names:**

Glyceryl Tri(12-Hydroxystearate)  
Thixcin E (*NL Industries*)  
Thixcin R (*NL Industries*)

### TRIIISOPROPANOLAMINE

CAS Number: 122-20-3

**Definition:** Triisopropanolamine is the aliphatic amine that conforms to the formula:



**Information Sources:** CTFA, 21CFR121.2519, 21CFR121.2520, 21CFR121.2557

### TRILANETH-4 PHOSPHATE

RD Number: 977058-52-8

**Definition:** Trilaneth-4 Phosphate is predominantly the triester of phosphoric acid and ethoxylated lanolin alcohols with an average ethoxylation level of 4.

**Other Names:**

Hostaphat KW340N (*American Hoechst*)

### TRILAURETH-4 PHOSPHATE

**Definition:** Trilaureth-4 Phosphate is the triester of Laureth-4 (q.v.) and phosphoric acid.

## Trilaureth-4 Phosphate (Cont.)

Information Sources: CTFA

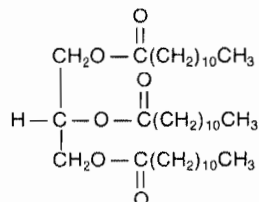
Other Names:

Hostaphat KL340N (American Hoechst)

## TRILAURIN

RD Number: 977067-70-1

Definition: Trilaurin is the triester of glycerin and lauric acid. It conforms to the formula:



Other Names:

Cyclochem GTL (Cyclo)

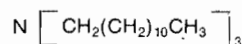
Glyceryl Trilaurate

Softisan 100 (Dynamit-Nobel)

## TRILAURYLAMINE

CAS Number: 102-87-4

Definition: Trilaurylamine is the tertiary amine that conforms to the formula:



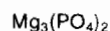
Other Names:

Alamine 304 (General Mills)

## TRIMAGNESIUM PHOSPHATE

CAS Number: 7757-87-1

Definition: Trimagnesium Phosphate is the inorganic salt that conforms to the formula:



Information Sources: FCC, MI, USD,  
21CFR121.101, 21CFR121.2514

Other Names:

Magnesium Phosphate, Tribasic

## TRIMER ACID

RD Number: 977063-85-6

Definition: Trimer Acid is the 54-carbon tricarboxylic acid formed by the catalytic trimerization of linoleic acid.

Other Names:

Empol 1040 (Emery)

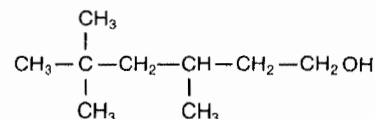
Empol 1041 (Emery)

## Trimyristin

## TRIMETHYLHEXANOL

CAS Number: 1331-39-1

Definition: Trimethylhexanol is the aliphatic alcohol that conforms to the formula:



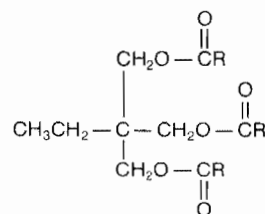
Other Names:

3,5,5-Trimethylhexanol

## TRIMETHYLOLPROPANE TRIOSTEARATE

RD Number: 977069-76-3

Definition: Trimethylolpropane Triisostearate is the triester of trimethylolpropane and Isostearic Acid (q.v.). It conforms generally to the formula:



where  $\text{RC}-$  represents the isostearyl radicals.

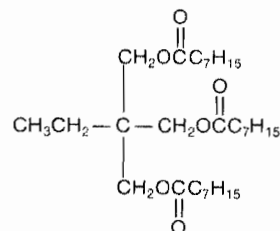
Other Names:

Ramate TM-318 (Nippon Fine Chemicals)

## TRIMETHYLOLPROPANE TRIOCTANOATE

RD Number: 977068-71-5

Definition: Trimethylolpropane Trioctanoate is the triester of trimethylolpropane and octanoic acid. It conforms generally to the formula:



Other Names:

Kessco X-330 (Armak)

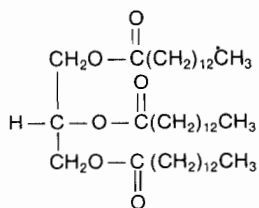
Ramate TM-308 (Nippon Fine Chemicals)

## TRIMYRISTIN

CAS Number: 555-45-3

Definition: Trimyristin is the triester of glycerin and myristic acid. It conforms to the formula:

## Trimyristin (Cont.)



**Information Sources:** MI

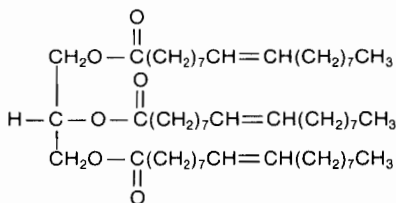
**Other Names:**

Glyceryl Trimyristate  
Special Fat 114 (*Dynamit-Nobel*)

## TRIOLEIN

**CAS Number:** 122-32-7

**Definition:** Triolein is the triester of glycerin and oleic acid. It conforms to the formula:



**Information Sources:** CTFA, MI

**Other Names:**

Aldo TO (*Glyco*)  
Emerest 2423 (*Malmstrom*)  
Emery 2423 (*Emery*)  
Glyceryl Trioleate  
Grocor 1000 (*Gross, A.*)  
Grocor 1200 (*Gross, A.*)

## TRIOLETH-8 PHOSPHATE

**RD Number:** 977058-53-9

**Definition:** Trioleth-8 Phosphate is predominantly the triester of phosphoric acid and ethoxylated oleyl alcohol with an average ethoxylation level of 8.

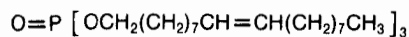
**Other Names:**

Hostaphat KO380 (*American Hoechst*)

## TRIOLEYL PHOSPHATE

**RD Number:** 977058-54-0

**Definition:** Trioleyl Phosphate is the phosphate ester of oleyl alcohol that conforms generally to the formula:



**Other Names:**

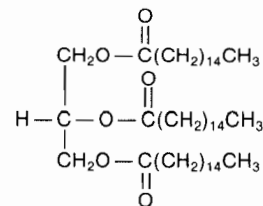
Hostaphat KO300 (*American Hoechst*)

## TRIPALMITIN

**CAS Number:** 555-44-2

## Trisodium EDTA

**Definition:** Tripalmitin is the triester of glycerin and palmitic acid. It conforms to the formula:



**Information Sources:** MI

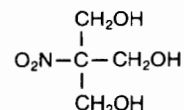
**Other Names:**

Glyceryl Tripalmitate

## TRIS (HYDROXY-METHYL)NITROMETHANE

**CAS Number:** 126-11-4

**Definition:** Tris (Hydroxymethyl)nitromethane is the aliphatic compound that conforms to the formula:



**Information Sources:** CTFA, MI

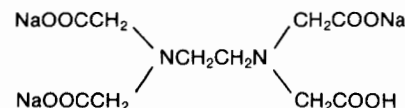
**Other Names:**

2-(Hydroxymethyl)-2-Nitro-1,3-Propanediol  
2-Nitro-2-(Hydroxymethyl)-1,3-Propanediol  
Trimethylnitromethane  
Tris Nitro (*Commercial Solvents*)

## TRISODIUM EDTA

**CAS Number:** 150-38-9

**Definition:** Trisodium EDTA is the substituted amine that conforms to the formula:



**Information Sources:** CTFA, MI, USAN, 21CFR121.2520, 21CFR121.2535

**Other Names:**

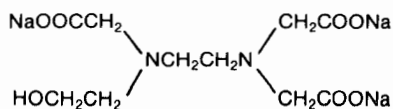
Edetate Trisodium  
Hamp-Ene Na<sub>3</sub> (*Hampshire*)  
Sequestrene Na 3 (*Ciba-Geigy*)  
Trisodium Ethylenediamine Tetraacetate  
Trisodium Hydrogen Ethylene Diaminetetraacetate

## Trisodium HEDTA

### TRISODIUM HEDTA

CAS Number: 139-89-9

**Definition:** Trisodium HEDTA is the substituted amine that conforms to the formula:



**Information Sources:** CTFA, MI, 21CFR121.2515

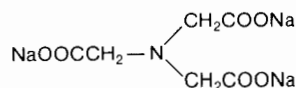
**Other Names:**

Cheelox HE-24 (*GAF*)  
Chel DM-41 (*Ciba-Geigy*)  
Hamp-Ol Crystals (*Hampshire*)  
Hamp-Ol 120 (*Hampshire*)  
Perma Kleer 80 (*Onyx*)  
Perma Kleer 80 Crystals (*Onyx*)  
Trisodium Hydroxyethyl Ethylenediamine-triacetate  
Versenol (*Dow*)

### TRISODIUM NTA

CAS Number: 5064-31-3

**Definition:** Trisodium NTA is the trisodium salt of nitrilo triacetic acid. It conforms to the formula:



**Information Sources:** 21CFR121.1088

**Other Names:**

Nitrilo Triacetic Acid Sodium Salt  
Trisodium Nitrilotriacetate

### TRISODIUM PHOSPHATE

CAS Number: 7601-54-9

**Definition:** Trisodium Phosphate is the inorganic salt that conforms to the formula:



**Information Sources:** FCC, MI, 21CFR121.1088

**Other Names:**

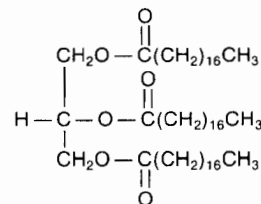
Sodium Phosphate, Tribasic

### TRISTEARIN

CAS Number: 555-43-1

**Definition:** Tristearin is the triester of glycerin and stearic acid. It conforms to the formula:

## Turtle Oil



**Information Sources:** MI

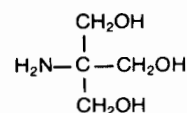
**Other Names:**

Glyceryl Tristearate  
Neobee 62 (*PVO*)

### TROMETHAMINE

CAS Number: 77-86-1

**Definition:** Tromethamine is the aliphatic compound that conforms to the formula:



**Information Sources:** MI, NF, USAN, USD

**Other Names:**

2-Amino-2-(Hydroxymethyl)-1,3-Propanediol  
Tham  
Tris Amino (*Commercial Solvents*)  
Tris (Hydroxymethyl) Amino Methane

### TURPENTINE

CAS Number: MX8052-14-0

**Definition:** Turpentine is a mixture of terpene hydrocarbons obtained from various species of *Pinus*.

**Information Sources:** HP, MAR, MI, YUG, 21CFR121.1163, 21CFR121.2520

### TURTLE OIL

CAS Number: MX8022-24-0

**Definition:** Turtle Oil is an oil obtained from the muscular tissue of the giant sea turtle, *Chelonium*. The use of natural turtle oil may be restricted in the United States under the Endangered Species Act of 1973. Cosmetic manufacturers should consult the pertinent federal regulations for information concerning this ingredient.

**ULTRAMARINE BLUE***CAS Number:* 1317-97-1

*Definition:* Ultramarine Blue is a pigment composed of polysulfides of sodium (or potassium, lithium or silver) aluminosilicates of unknown composition. It was originally obtained naturally from ground lapis lazuli but is now produced synthetically.

*Information Sources:* CI 77007, M3, MI, 21CFR8.319, 21CFR8.502, 21CFR121.2522, 21CFR121.2535, 21CFR121.2562, 21CFR121.2563

*Other Names:*

A-4575 Ultramarine Blue (*Kohnstamm*)  
 C-Blau 16 (*Germany*)  
 Cosmetic Blue C43-1810 (*Sun*)  
 Cosmetic Blue C43-3810 (*Sun*)  
 Cosmetic Ultramarine Blue  
 C43-1810 Cosmetic Blue (*Sun*)  
 C43-3810 Cosmetic Blue (*Sun*)  
 Germany: C-Blau 16  
 Pigment Blue 29  
 Ultra Blue 3516 (*Thomasset*)  
 Ultra Blue 3522 (*Thomasset*)  
 Ultramarine Blue A-4575 (*Kohnstamm*)  
 3516 Ultra Blue (*Thomasset*)  
 3522 Ultra Blue (*Thomasset*)

**ULTRAMARINE GREEN***CAS Number:* 1345-00-2

*Definition:* Ultramarine Green is a synthetic pigment composed of double silicates of aluminum and sodium containing sulfur. The composition is unknown but can be represented generally as:



This pigment is an intermediate in the synthesis of ultramarine blue.

*Information Sources:* CI 77013, 21CFR8.502

*Other Names:*

Pigment Green 24

**ULTRAMARINE PINK***RD Number:* 977058-55-1

*Definition:* Ultramarine Pink is a synthetic pigment of unknown structure. It is possibly made by replacing sulfur with selenium or tellurium in ultramarine blue.

*Information Sources:* 21CFR8.502

*Other Names:*

Ultra Pink 3520 (*Thomasset*)  
 Ultra Rose 3515 (*Thomasset*)  
 3515 Ultra Rose (*Thomasset*)  
 3520 Ultra Pink (*Thomasset*)

**ULTRAMARINE RED***RD Number:* 977058-56-2

*Definition:* Ultramarine Red is a pigment obtained by treating Ultramarine Violet (q.v.) with hydrochloric or nitric acid. It is the acid of which Ultramarine Violet is the sodium salt.

*Information Sources:* CI 77007, 21CFR8.502

**ULTRAMARINE VIOLET***RD Number:* 977054-42-4

*Definition:* Ultramarine Violet is the pigment obtained by heating Ultramarine Blue (q.v.) with ammonium chloride or chlorine and hydrochloric acid followed by washing and drying. It is the sodium salt of Ultramarine Red (q.v.) and can be represented generally as:



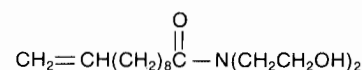
*Information Sources:* CI 77007, 21CFR8.502

*Other Names:*

Pigment Violet 15  
 Ultra Violet 3514 (*Thomasset*)  
 3514 Ultra Violet (*Thomasset*)

**UNDECYLENAMIDE DEA***RD Number:* 977059-47-4

*Definition:* Undecylenamide DEA is a mixture of diethanolamides of undecylenic acid. It conforms to the formula:

*Other Names:*

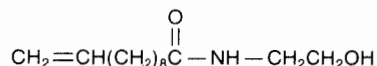
Fungicide DA 2/038070 (*Dragoco*)  
 Rewocid DU 185 (*Rewo*)  
 Undecylenoyl Diethanolamide

## Undecylenamide MEA

### UNDECYLENAMIDE MEA

CAS Number: 12041-82-6

**Definition:** Undecylenamide MEA is a mixture of monoethanolamides produced of undecylenic acid. It conforms generally to the formula:



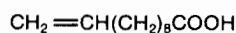
**Other Names:**

Fungicide UMA 2/038080 (*Dragoco*)  
Rewocid U 185 (*Rewo*)  
Steinazid U 185 (*Rewo*)  
Undecylenoyl Monoethanolamide

### UNDECYLENIC ACID

CAS Number: 112-38-9

**Definition:** Undecylenic Acid is the aliphatic acid that conforms to the formula:



**Information Sources:** AUS, BP, BPC, BRA, CZE, EGY, ITA, MAR, MI, NFXIII, NFJ, PJ, USD, WHO

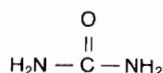
**Other Names:**

Undecenoic Acid

### UREA

CAS Number: 57-13-6

**Definition:** Urea is the organic compound that conforms to the formula:



**Information Sources:** CTFA, AUS, BP, BPC, BRA, CZE, DDR, EGY, FIN, HUN, IND, MAR, MI, NED, PN, POR, ROM, USD, USP, 21CFR121.101, 21CFR121.2507

**Other Names:**

Carbamide

## Uric Acid

### UREA-FORMALDEHYDE RESIN

CAS Number: 9011-05-6

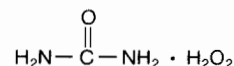
**Definition:** Urea-Formaldehyde Resin is a reaction product of urea and formaldehyde.

**Information Sources:** 21CFR121.2005, 21CFR121.2507, 21CFR121.2514, 21CFR121.2520, 21CFR121.2572, 21CFR121.2595

### UREA PEROXIDE

CAS Number: 124-43-6

**Definition:** Urea Peroxide is the compound that conforms to the formula:



**Information Sources:** CTFA, HUN, MAR, MI

**Other Names:**

Hydrogen Peroxide Carbamide  
Urea Hydrogen Peroxide

### UREASE

CAS Number: PM9002-13-5

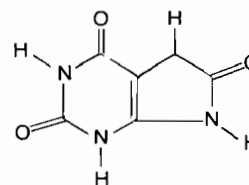
**Definition:** Urease is an enzyme which hydrolyzes urea to ammonium carbonate.

**Information Sources:** MI

### URIC ACID

CAS Number: 69-93-2

**Definition:** Uric Acid is a purine that conforms to the formula:



**Information Sources:** MI



**VALERIAN**

RD Number: 977009-16-7

*Definition:* Valerian is a natural product obtained from the dried rhizome and roots of *Valeriana officinalis*.

*Information Sources:* ARG, AUS, BEL, BPC1963, BRA, CZE, DA, EGY, FI, FIN, HP, HUN, IND, ITA, MAR, MI, PF, PN, POL, POR, ROM, USSR, YUG, 21CFR121.1163

**VALERIAN EXTRACT**

CAS Number: MX8057-49-6

*Definition:* Valerian Extract is an extract of the rhizomes and roots of *Valeriana officinalis*.

*Information Sources:* ARG, BEL, BRA, EGY, FIN, HP, MAR, PF, POR, ROM, USSR

**VANILLA**

RD Number: 977004-06-0

*Definition:* Vanilla is a natural product obtained from the cured full-grown unripe fruit of *Vanilla planifolia* or *Vanilla tahitensis*.

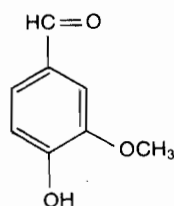
*Information Sources:* ARG, BRA, MAR, MEX, MI, NED, NF, PF, POR, USD, 21CFR121.101

*Other Names:*  
Protovanol  
Vanilla Flavor

**VANILLIN**

CAS Number: 121-33-5

*Definition:* Vanillin is the substituted aromatic aldehyde that conforms to the formula:



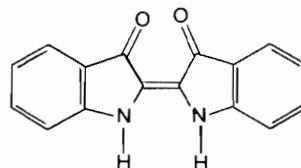
*Information Sources:* AUS, BPC, BRA, DA, DDR, EGY, FCC, HUN, MAR, MEX, MI, NED, PJ, PN, POR, USD, USP, YUG, 21CFR121.101

*Other Names:*  
4-Hydroxy-3-Methoxybenzaldehyde

**VAT BLUE 1**

CAS Number: 482-89-3

*Definition:* Vat Blue 1 is a color classed chemically as an indigoid color. It conforms to the formula:



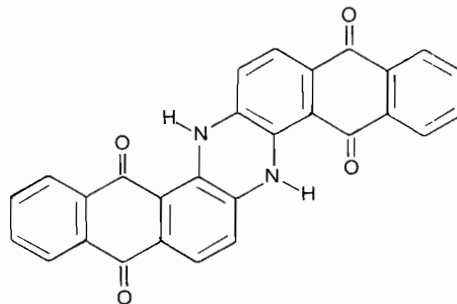
The name Vat Blue 1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Blue No. 6.

*Information Sources:* CI 73000, JC, MI

**VAT BLUE 4**

CAS Number: 81-77-6

*Definition:* Vat Blue 4 is the color that conforms to the formula:



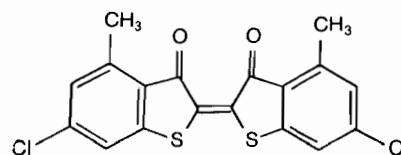
*Information Sources:* CI 69800, M3, SWE

*Other Names:*  
C-Blau 18 (Germany)  
Germany: C-Blau 18  
Mellanblatt (Sweden)  
Sweden: Mellanblatt

**VAT RED 1**

CAS Number: 2379-74-0

*Definition:* Vat Red 1 is a color classed chemically as an indigoid color. It conforms to the formula:



### Vat Red 1 (Cont.)

The name Vat Red 1 can be used only when applied to batches of color that have not been certified according to United States certification regulations. The CTFA Adopted Name for certified batches of this color is D & C Red No. 30.

*Information Sources:* CI 73360, JC, M3

### VEGETABLE GLYCERIDES PHOSPHATE

*Definition:* Vegetable Glycerides Phosphate is a mixture of esters of phosphoric acid and mono- and diglycerides from vegetable oil.

### VEGETABLE OIL

*CAS Number:* MX8008-89-7

*Definition:* Vegetable Oil is an expressed oil of vegetable origin consisting primarily of triglycerides of fatty acids.

*Information Sources:* POR, 21CFR121.2557

### VIBURNUM

*RD Number:* 977002-89-3

*Definition:* Viburnum is the natural product obtained from either the dried bark of *Viburnum opulus* or the dried root bark of *Viburnum prunifolium*.

*Information Sources:* ARG, BRA, HP, MEX, MI, PF, POR, ROM, USSR, 21CFR121.1163

*Other Names:*  
Viburnum Opulus

### VIBURNUM EXTRACT

*Definition:* Viburnum Extract is an extract derived from various species of *Viburnum*.

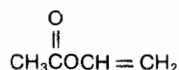
*Information Sources:* BRA, HP, MEX, POR, ROM

*Other Names:*  
Viburnum Prunifolium Extract

### VINYL ACETATE

*CAS Number:* 108-05-4

*Definition:* Vinyl Acetate is the unsaturated ester that conforms to the formula:



*Information Sources:* MI

### Vinylpyrrolidone/Styrene Copolymer

#### VINYL ACETATE/ CROTONATES POLYMER

*RD Number:* 977068-68-0

*Definition:* Vinyl Acetate/Crotonates Polymer is a polymer of vinyl acetate and two or more monomers consisting of crotonic acid or any of its simple esters.

*Information Sources:* CTFA, 21CFR121.2540

#### VINYL ACETATE/CROTONIC ACID COPOLYMER

*RD Number:* 977061-28-1

*Definition:* Vinyl Acetate/Crotonic Acid Copolymer is a polymer formed from vinyl acetate and crotonic acid monomers.

*Other Names:*  
Resyn 26-1314 (*National Starch*)  
Resyn 28-1310 (*National Starch*)

#### VINYL ACETATE/CROTONIC ACID/ METHACRYLOXYBENZOPHENONE-1 POLYMER

*RD Number:* 977068-69-1

*Definition:* Vinyl Acetate/Crotonic Acid/Methacryloxybenzophenone-1 Polymer is a polymer of vinyl acetate, crotonic acid and methacryloxybenzophenone-1.

*Other Names:*  
Resyn 28-3307 (*National Starch*)

#### VINYL ACETATE/CROTONIC ACID/ VINYL NEODECANOATE POLYMER

*RD Number:* 977062-26-2

*Definition:* Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer is a polymer formed from vinyl acetate, crotonic acid and vinyl neodecanoate monomers.

*Other Names:*  
Resyn 26-2905 (*National Starch*)  
Resyn 28-2930 (*National Starch*)

#### VINYLPYRROLIDONE/STYRENE COPOLYMER

*RD Number:* 977060-71-1

*Definition:* Vinylpyrrolidone/Styrene Copolymer is a copolymer prepared from vinylpyrrolidone and styrene monomers.

*Other Names:*  
Polectron 430 (*GAF*)

**WALNUT EXTRACT**

*Definition:* Walnut Extract is an extract of the husk of the nut of *Juglans regia*.

*Information Sources:* HP, 21CFR121.1163

**WALNUT SHELL POWDER**

*RD Number:* 977069-77-4

*Definition:* Walnut Shell Powder is the powder ground from the shell of English Walnuts.

*Other Names:*

WF-9 Shell Powder (*Agrashell*)

**WATER**

*CAS Number:* 7732-18-5

*Definition:* Water conforms to the formula:



*Information Sources:* CTFA, ARG, AUS, BP, BPC, BRA, CZE, DA, DDR, EGY, EP, FI, FIN, HUN, IND, ITA, MAR, MEX, MI, PJ, POL, POR, ROM, SNPF, USD, USP, USSR, WHO, YUG

**WHEAT FLOUR**

*RD Number:* 977053-87-4

*Definition:* Wheat Flour is the milled flour from wheat grain.

*Other Names:*

Flour, Wheat

**WHEAT GERM**

*RD Number:* 977021-39-8

*Definition:* Wheat Germ is the natural product obtained from the embryo of the wheat kernel separated in milling.

*Other Names:*

Embo (*General Mills*)

**WHEAT GERM EXTRACT**

*Definition:* Wheat Germ Extract is an extract derived from Wheat Germ (q.v.).

**WHEAT GERM GLYCERIDES**

*RD Number:* 977061-89-4

*Definition:* Wheat Germ Glycerides is a mixture of mono-, di- and triglycerides produced by the transesterification of Wheat Germ Oil (q.v.).

*Other Names:*

Vita-Cos

Wickenol 535 (*Wickhen*)

**WHEAT GERM OIL**

*CAS Number:* MX8006-95-9

*Definition:* Wheat Germ Oil is the oil obtained by the expression or extraction of Wheat Germ (q.v.).

*Information Sources:* CTFA, MAR, MI

*Other Names:*

EmCon W (*Fanning*)

Merit (*General Mills*)

**WHEAT GLUTEN**

*CAS Number:* MX8002-80-0

*Definition:* Wheat Gluten is the protein substance of wheat which is intermixed with the starch portion in the endosperm portion of the wheat grain.

*Information Sources:* MI

*Other Names:*

Pro Vim (*General Mills*)

**WHEAT STARCH**

*RD Number:* 977052-26-8

*Definition:* Wheat Starch is a natural material obtained from wheat. It consists primarily of amylose and amylopectin.

*Information Sources:* AUS, BEL, BP, BRA, DA, DDR, EGY, EP, HUN, IND, ITA, MAR, MEX, SNPF, USP, USSR, YUG, 21CFR121.101

*Other Names:*

Aytex (*General Mills*)

Paygel (*General Mills*)

Starch, Wheat

**WILD CHERRY**

*RD Number:* 977052-50-8

*Definition:* Wild Cherry is the natural product obtained from the dried stem bark of *Prunus serotina*.

*Information Sources:* BPC, HP, MAR, MI, USD, USP XVIII, 21CFR121.101

## Wild Cherry Extract

### WILD CHERRY EXTRACT

RD Number: 977071-53-6

*Definition:* Wild Cherry Extract is an extract derived from *Prunus serotina*.

*Information Sources:* HP

### WILD INDIGO

RD Number: 977002-92-8

*Definition:* Wild Indigo is the natural product obtained from the root of *Baptisia tinctoria*.

*Information Sources:* HP, MI

*Other Names:*  
Baptisia

### WILD THYME EXTRACT

*Definition:* Wild Thyme Extract is an extract of *Thymus serpyllum*.

*Information Sources:* HP, 21CFR121.101

*Other Names:*  
Mother of Thyme Extract

### WITCH HAZEL

RD Number: 977002-98-4

*Definition:* Witch Hazel is a plant material obtained from *Hamamelis virginiana*.

*Information Sources:* ARG, BEL, BPC, BRA, HP, MAR, MI, NED, PF, POR, ROM, USD

*Other Names:*  
Hamamelis  
Winterbloom

## Wood Tar

### WITCH HAZEL DISTILLATE

*Definition:* Witch Hazel Distillate is an aqueous solution obtained by the distillation of the twigs of *Hamamelis virginiana*.

*Information Sources:* ITA, MAR

*Other Names:*  
Codan Concentrated Witch Hazel (*Danco*)

### WITCH HAZEL EXTRACT

*Definition:* Witch Hazel Extract is an extract of the leaves and bark of *Hamamelis virginiana*.

*Information Sources:* CTFA, ARG, BEL, BRA, EGY, HP, ITA, NED, PF, POR

*Other Names:*  
Hamamelis Extract

### WOOD TAR

RD Number: 977061-90-7

*Definition:* Wood Tar is the thick liquid or semi-solid obtained by the destructive distillation of wood.

## MONOGRAPHS

# X

### XANTHAN GUM

*RD Number:* 977009-58-7

*Definition:* Xanthan Gum is a high molecular weight linear polysaccharide gum produced by a pure-culture fermentation of a carbohydrate with *Xanthomonas campestris*.

*Information Sources:* CTFA, FCC, MAR, NF, 21CFR121.1224, 21CFR121.2526

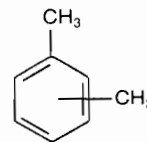
*Other Names:*

Corn Sugar Gum  
Keltrol (*Kelco*)  
Kelzan (*Kelco*)  
Xanthan

### XYLENE

*CAS Number:* 1330-20-7

*Definition:* Xylene is a mixture of isomers of the aromatic compound that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, PF, 21CFR121.2520, 21CFR121.2571, 21CFR121.2572, 21CFR121.2591

## MONOGRAPHS

# Y

### YARROW EXTRACT

*RD Number:* 977060-16-4

*Definition:* Yarrow Extract is an extract derived from *Achillea millefolium*.

*Information Sources:* 21CFR121.1163

*Other Names:*

Milfoil Extract

### YARROW OIL

*CAS Number:* MX8022-07-9

*Definition:* Yarrow Oil is the oil obtained from the flowering herb *Achillea millefolium*.

*Information Sources:* HP, MAR, MI, 21CFR121.1163

### YUCCA

*RD Number:* 977052-56-4

*Definition:* Yucca is a natural product derived from the California cactus, *Yucca brevifolia*.

*Information Sources:* 21CFR121.1163

*Other Names:*

Yuccafoam (*Ritter*)

**ZEIN**

CAS Number: PM9010-66-6

Definition: Zein is an alcohol-soluble protein obtained from corn, *Zea mays*.

Information Sources: MI, 21CFR121.2520

**ZINC BORATE**

CAS Number: 1332-07-6

Definition: Zinc Borate is an inorganic salt of indefinite composition, containing zinc oxide (ZnO) and boric oxide (B<sub>2</sub>O<sub>3</sub>) in various ratios.

**ZINC CARBONATE**

CAS Number: 3486-35-9

Definition: Zinc Carbonate is the inorganic salt that conforms to the formula:



Information Sources: CI 77950, HP, MAR, 21CFR121.101, 21CFR121.2514, 21CFR121.2562

**ZINC CHLORIDE**

CAS Number: 7646-85-7

Definition: Zinc Chloride is the inorganic salt that conforms to the formula:



Information Sources: ARG, AUS, BPC, DDR, EGY, EP, FIN, HP, HUN, MAR, MEX, MI, PF, PN, POR, ROM, USD, USP, YUG, 21CFR121.101

**ZINC FORMALDEHYDE SULFOXYLATE**

CAS Number: 10448-39-2

Definition: Zinc Formaldehyde Sulfoxylate is the compound that conforms to the formula:



Information Sources: 21CFR121.2520, 21CFR121.2526

**ZINC HYDROLYZED ANIMAL PROTEIN**

RD Number: 977069-84-3

Definition: Zinc Hydrolyzed Animal Protein is the zinc salt of a hydrolysate of collagen or other animal protein.

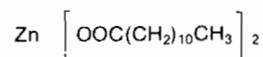
Other Names:

Colladerm 350 (Stepan)

**ZINC LAURATE**

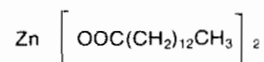
CAS Number: 2452-01-9

Definition: Zinc Laurate is the salt of lauric acid that conforms generally to the formula:

**ZINC MYRISTATE**

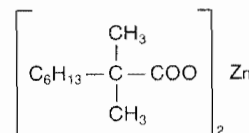
RD Number: 977058-59-5

Definition: Zinc Myristate is the salt of myristic acid that conforms generally to the formula:

**ZINC NEODECANOATE**

RD Number: 977069-78-5

Definition: Zinc Neodecanoate is the zinc salt of neodecanoic acid. It conforms generally to the formula:



Other Names:

Zinc Ten-Cem (Mooney)

**ZINC OXIDE**

CAS Number: 1314-13-2

Definition: Zinc Oxide is the inorganic oxide that conforms generally to the formula:



Information Sources: CTFA, ARG, AUS, BP, BPC, BRA, CI 77947, CZE, DA, DDR, EGY, EP, FIN, HP, HUN, IND, ITA, M3, MAR, MEX, MI, PF, PJ, PN, ROM, SNPF, USD, USP, USSR, WHO, YUG, 21CFR8.502, 21CFR121.101, 21CFR121.2514

## Zinc Oxide (Cont.)

### Other Names:

C-Weiss 8 (Germany)

Germany: C-Weiss 8

Horse Head U.S.P.-12 (New Jersey Zinc)

Horse Head XX (New Jersey Zinc)

## ZINC PEROXIDE

CAS Number: 1314-22-3

*Definition:* Zinc Peroxide is the inorganic oxide that conforms to the formula:



*Information Sources:* ARG, BRA, EGY, MAR, MI, PF, POR

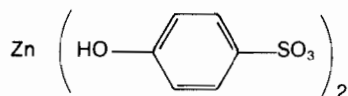
### Other Names:

Zinc Superoxide

## ZINC PHENOLSULFONATE

CAS Number: 127-82-2

*Definition:* Zinc Phenolsulfonate is the substituted phenol that conforms generally to the formula:



*Information Sources:* CTFA, MI

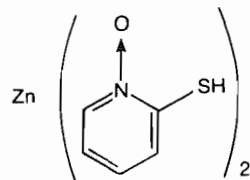
### Other Names:

Zinc Sulfocarbolate

## ZINC PYRITHIONE

CAS Number: 13463-41-7

*Definition:* Zinc Pyrithione is the aromatic salt that conforms to the formula:



*Information Sources:* CTFA, MAR, MI, USAN

### Other Names:

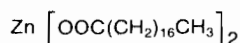
Zinc Bis(2-Pyridylthio)-N-Oxide

Zinc Omadine (Olin)

## ZINC STEARATE

CAS Number: 557-05-1

*Definition:* Zinc Stearate is the salt of stearic acid that conforms generally to the formula:



## Zinc Undecylenate

*Information Sources:* CTFA, ARG, AUS, BPC, BRA, EGY, IND, MAR, MI, SNPF, USD, USP, 21CFR121.101, 21CFR121.2514, 21CFR121.2566, 21CFR121.2571, 21CFR121.2587

### Other Names:

Plymouth Zinc Stearate #344-88 (Penick)

Plymouth Zinc Stearate F (Penick)

Plymouth Zinc Stearate HS (Penick)

Plymouth Zinc Stearate LS-7 (Penick)

Plymouth Zinc Stearate PM (Penick)

Plymouth Zinc Stearate SI-36 (Penick)

Plymouth Zinc Stearate SI-50 (Penick)

Plymouth Zinc Stearate USP #21 (Penick)

Plymouth Zinc Stearate USP #220 (Penick)

Plymouth Zinc Stearate USP CEF (Penick)

Plymouth Zinc Stearate XXX-H (Penick)

Witco Zinc Stearate U.S.P. (Witco)

## ZINC SULFATE

CAS Number: 7446-20-0

*Definition:* Zinc Sulfate is the inorganic salt that conforms generally to the formula:



*Information Sources:* ARG, AUS, BP, BPC, CZE, DA, DDR, EGY, EP, FCC, FIN, HP, HUN, IND, ITA, MAR, MEX, MI, NED, PF, PJ, PN, POR, ROM, USD, USP, USSR, WHO, YUG, 21CFR121.101

## ZINC SULFIDE

CAS Number: 1314-98-3

*Definition:* Zinc Sulfide is the inorganic salt that conforms to the formula:

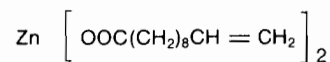


*Information Sources:* CTFA, MI, 21CFR121.2520, 21CFR121.2562

## ZINC UNDECYLENATE

CAS Number: 557-08-4

*Definition:* Zinc Undecylenate is the salt of undecylenic acid that conforms generally to the formula:



*Information Sources:* BP, BPC, CZE, EGY, IND, MAR, MI, NFXIII, NFJ, PJ, USD, USP

### Other Names:

Zinc Undecenoate

## Zirconium Chlorohydrate

### ZIRCONIUM CHLOROHYDRATE

*Definition:* Zirconium Chlorohydrate is a soluble amorphous inorganic polymer formed by partial neutralization of Zirconyl Chloride (q.v.).

*Information Sources:* MI

*Other Names:*

Wickenol 371 (*Wickhen*)  
Zirconyl Hydroxychloride

### ZIRCONIUM SILICATE

*RD Number:* 977052-86-0

*Definition:* Zirconium Silicate is the inorganic compound that conforms to the formula:



*Information Sources:* CTFA, MI

## Zirconyl Chloride

### ZIRCONYL CHLORIDE

*CAS Number:* 7699-43-6

*Definition:* Zirconyl Chloride is the inorganic salt that conforms to the formula:



*Information Sources:* MI

*Other Names:*

Zirconium Oxychloride



SECTION  
SIX

# Chemical / Trade Names

**CHEMICAL/TRADE NAME      CTFA ADOPTED NAME†**

— A —

A-641 (ICI United States)	Sorbitol
A-4575 Ultramarine Blue (Kohnstamm)	Ultramarine Blue
A-6205 Red Iron Oxide (Kohnstamm)	Iron Oxides
A-6931 Cosmetic Green (Kohnstamm)	Chromium Hydroxide Green
A-8214 Cosmetic Iron Black (Kohnstamm)	Iron Oxides
A-8534 Cosmetic Umber (Kohnstamm)	Iron Oxides (and) Talc
A-8595 Cosmetic Green (Kohnstamm)	Chromium Oxide Greens
A-9829 Ultramarine Blue (Kohnstamm)	Ultramarine Blue (and) Talc
AA Standard (NL Industries)	Castor Oil
AA USP (NL Industries)	Castor Oil
Abalyn (Hercules)	Methyl Rosinate
Abietyl Alcohol	Abietyl Alcohol
Abitol (Hercules)	Dihydroabietyl Alcohol
Abitol Methacrylate (Hercules)	Dihydroabietyl Methacrylate
Abracol G.M.S. (Bush Boake Allen)	Glyceryl Stearate SE
Abracol G.S.P. (Bush Boake Allen)	Glyceryl Stearate (and) Stearamidoethyl Diethylamine Phosphate
Abracol L.D.S. (Bush Boake Allen)	PEG-2 Stearate (and) Cetareth-17
Abracol P.G.S. (Bush Boake Allen)	Propylene Glycol Stearate SE
Abracol S.L.G. (Bush Boake Allen)	Glyceryl Stearate
Abracol V.P.X. (Bush Boake Allen)	Petrolatum (and) Lanolin Alcohols
Absorption Base AC (Malmstrom)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Absorption Base 499-2 (Malmstrom)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
A-C Copolymer #540 (Allied)	Ethylene/Acrylate Copolymer

**CHEMICAL/TRADE NAME      CTFA ADOPTED NAME†**

A-C Polyethylene Grade 6 (Allied)	Polyethylene
A-C Polyethylene Grade 6A (Allied)	Polyethylene
A-C Polyethylene Grade 9 (Allied)	Polyethylene
A-C Polyethylene Grade 9A (Allied)	Polyethylene
A-C Polyethylene Grade 617 (Allied)	Polyethylene
A-C Polyethylene Grade 617A (Allied)	Polyethylene
Acacia	Acacia
Acacia Gum	Acacia
Acerola	Acerola
Acerola B Concentrate	Acerola
Acetadepts (Westbrook Lanolin)	Acetylated Lanolin
Acetaldehyde	Acetaldehyde
Acetamide MEA	Acetamide MEA
Acetanilid	Acetanilid
Acetic Acid	Acetic Acid
Acetoglyceride L.C. (Bush Boake Allen)	Acetylated Palm Kernel Glycerides
Acetoglyceride S/C/4 (Bush Boake Allen)	Acetylated Hydrogenated Tallow Glycerides (and) TIP A-Stearate
Acetol (Malmstrom)	Acetylated Lanolin Alcohol
Acetone	Acetone
Acetophenetidin	Phenacetin
Acetoquat CPC (Aceto Chemical)	Cetylpyridinium Chloride
Acetoquat CTAB (Aceto Chemical)	Cetrimonium Bromide
Acetosol Yellow RLS (Sandoz)	Solvent Yellow 63
6-Acetoxy-2,4-Dimethyl-m-Dioxane	Dimethoxane
Acetulan (Amerchol)	Acetylated Lanolin Alcohol
Acetylated Hydrogenated Cottonseed Glyceride	Acetylated Hydrogenated Cottonseed Glyceride
Acetylated Hydrogenated Lard Glyceride	Acetylated Hydrogenated Lard Glyceride
Acetylated Hydrogenated Tallow Glyceride	Acetylated Hydrogenated Tallow Glyceride
Acetylated Hydrogenated Tallow Glycerides	Acetylated Hydrogenated Tallow Glycerides

## Acetylated Hydrogenated Vegetable Glyceride

## Adol 320 (Ashland)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Acetylated Hydrogenated Vegetable Glyceride	Acetylated Hydrogenated Vegetable Glyceride
Acetylated Lanolin	Acetylated Lanolin
Acetylated Lanolin Alcohol	Acetylated Lanolin Alcohol
Acetylated Lanolin Ricinoleate	Acetylated Lanolin Ricinoleate
Acetylated Lard Glyceride	Acetylated Lard Glyceride
Acetylated Palm Kernel Glycerides	Acetylated Palm Kernel Glycerides
Acetylated Polyoxyethylene (9) Lanolin Alcohol	Laneth-9 Acetate
Acetylated Polyoxyethylene (10) Lanolin Alcohol	Laneth-10 Acetate
N-Acetyl Ethanolamine	Acetamide MEA
Acetyl Ethyl Tetramethyl Tetralin	Acetyl Ethyl Tetramethyl Tetralin
6-Acetyl-1,1,2,4,4,7-Hexamethyl-1,2,3,4-Tetrahydronaphthalene	Acetyl Hexamethyl Tetralin
Acetyl Hexamethyl Tetralin	Acetyl Hexamethyl Tetralin
Acetyl Tributyl Citrate	Acetyl Tributyl Citrate
Acetyl Triethyl Citrate	Acetyl Triethyl Citrate
Acetyl Trioctyl Citrate	Acetyl Trioctyl Citrate
3-Acetyl-6-Methyl-2H-Pyran-2,4(3H)-Dione	Dehydroacetic Acid
Acid Ammonium Carbonate	Ammonium Bicarbonate
Acid Black 2	Acid Black 2
Acid Black 58	Acid Black 58
Acid Black 107	Acid Black 107
Acid Black 131	Acid Black 131
Acid Black 139	Acid Black 139
Acid Blue 3	Acid Blue 3
*Acid Blue 9	Acid Blue 9
*Acid Blue 9 (Ammonium Salt)	Acid Blue 9 Ammonium Salt
*Acid Blue 74	Acid Blue 74
Acid Blue 168	Acid Blue 168
Acid Blue 170	Acid Blue 170
Acid Blue 188	Acid Blue 188
Acid Blue 209	Acid Blue 209
Acid Brown 19	Acid Brown 19
Acid Brown 30	Acid Brown 30
Acid Brown 44	Acid Brown 44
Acid Brown 45	Acid Brown 45
Acid Brown 46	Acid Brown 46
Acid Brown 48	Acid Brown 48
Acid Brown 224	Acid Brown 224
*Acid Green 1	Acid Green 1
Acid Green 5	Acid Green 5
Acid Green 20	Acid Green 20
*Acid Green 25	Acid Green 25
Acidlan 20 (Malmstrom)	Lanolin Wax (and) Lanolin Acid
Acid Orange 3	Acid Orange 3
*Acid Orange 7	Acid Orange 7
*Acid Orange 24	Acid Orange 24
Acid Orange 80	Acid Orange 80
Acid Orange 85	Acid Orange 85
Acid Orange 86	Acid Orange 86
Acid Orange 88	Acid Orange 88
Acid Orange 89	Acid Orange 89
Acid Orange 116	Acid Orange 116
Acid Red 1	Acid Red 1
Acid Red 18	Acid Red 18
*Acid Red 27	Acid Red 27
*Acid Red 33	Acid Red 33
*Acid Red 51	Acid Red 51
Acid Red 73	Acid Red 73
*Acid Red 87	Acid Red 87
Acid Red 88	Acid Red 88

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Acid Red 92	Acid Red 92
*Acid Red 95	Acid Red 95
Acid Red 131	Acid Red 131
Acid Red 213	Acid Red 213
Acid Red 252	Acid Red 252
Acid Red 259	Acid Red 259
*Acid Violet 6B	Acid Violet 49
*Acid Violet 43	Acid Violet 43
*Acid Violet 49	Acid Violet 49
Acid Violet 73	Acid Violet 73
Acid Violet 76	Acid Violet 76
Acid Violet 99	Acid Violet 99
*Acid Yellow 1	Acid Yellow 1
*Acid Yellow 3	Acid Yellow 3
Acid Yellow 11	Acid Yellow 11
*Acid Yellow 23	Acid Yellow 23
*Acid Yellow 36	Acid Yellow 36
Acid Yellow 63	Acid Yellow 63
*Acid Yellow 73	Acid Yellow 73
*Acid Yellow 73 (Sodium Salt)	Acid Yellow 73 Sodium Salt
Acid Yellow 114	Acid Yellow 114
Acid Yellow 127	Acid Yellow 127
*Acintol EPG (Arizona)	Tall Oil Acid
Acintol FA-1 (Arizona)	Tall Oil Acid
*Acintol FA-2 (Arizona)	Tall Oil Acid
Acrylamide/Sodium Acrylate Copolymer	Acrylamide/Sodium Acrylate Copolymer
Acrylate/Acrylamide Copolymer	Acrylate/Acrylamide Copolymer
Acrylate/Ammonium Methacrylate Copolymer	Acrylate/Ammonium Methacrylate Copolymer
Acrylates Copolymer	Acrylates Copolymer
Acrylic/Acrylate Copolymer	Acrylic/Acrylate Copolymer
Acryloid B-66 (Rohm & Haas)	Acrylates Copolymer
Acrysol A-1 (Rohm & Haas)	Polyacrylic Acid
Acrysol ASE-75 (Rohm & Haas)	Polyacrylic Acid
Actiflo (Central Soya)	Lecithin
Activated Carbon	Carbon
Activated Charcoal	Carbon
Acygan (Croda)	Acetylated Lanolin
Adenosine Monophosphate	Adenosine Phosphate
Adenosine Phosphate	Adenosine Phosphate
Adenosine Triphosphate	Adenosine Triphosphate
Adipic Acid	Adipic Acid
Adipic Acid Dihydrazide	Adipic Acid Dihydrazide
Adipic Acid/Dimethylamino-hydroxypropyl Diethylenetriamine Copolymer	Adipic Acid/Dimethylamino-hydroxypropyl Diethylenetriamine Copolymer
Adipic Acid/Epoxypropyl Diethylenetriamine Copolymer	Adipic Acid/Epoxypropyl Diethylenetriamine Copolymer
Adogen 432 CG (Ashland)	Quaternium-31
Adogen 442 (Ashland)	Quaternium-18
Adogen 442-100P (Ashland)	Quaternium-18
Adol 34 (Ashland)	Oleyl Alcohol
Adol 52 (Ashland)	Cetyl Alcohol
Adol 54 (Ashland)	Cetyl Alcohol
Adol 62 (Ashland)	Stearyl Alcohol
Adol 63 (Ashland)	Stearyl Alcohol
Adol 64 (Ashland)	Stearyl Alcohol
Adol 66 (Ashland)	Isostearyl Alcohol
Adol 80 (Ashland)	Oleyl Alcohol
Adol 85 (Ashland)	Oleyl Alcohol
Adol 90 (Ashland)	Oleyl Alcohol
*Adol 158 (Ashland)	C15-18 Glycol
Adol 320 (Ashland)	Oleyl Alcohol

**Adol 330 (Ashland)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Adol 330 (Ashland)	Oleyl Alcohol
Adol 340 (Ashland)	Oleyl Alcohol
Adol 520 (Ashland)	Cetyl Alcohol
AE-1214/3 (Procter & Gamble)	Laureth-3
AE-1214/6 (Procter & Gamble)	Laureth-6
Aerosil 200 (Degussa)	Silica
Aerosol A-102 (American Cyanamid)	Disodium Monodeceth-6 Sulfosuccinate
Aerosol A-103 (American Cyanamid)	Disodium Monononoxynol-10 Sulfosuccinate
Aerosol A-196 (American Cyanamid)	Dicyclohexyl Sodium Sulfosuccinate
Aerosol A-268 (American Cyanamid)	Disodium Monoisodecyl Sulfosuccinate
Aerosol AY-65 (American Cyanamid)	Diamyl Sodium Sulfosuccinate
Aerosol AY-100 (American Cyanamid)	Diamyl Sodium Sulfosuccinate
Aerosol IB-45 (American Cyanamid)	Diisobutyl Sodium Sulfosuccinate
Aerosol MA-80 (American Cyanamid)	Diethyl Sodium Sulfosuccinate
Aerosol OT (American Cyanamid)	Diethyl Sodium Sulfosuccinate
*Aerosol OTB (American Cyanamid)	Diethyl Sodium Sulfosuccinate (and) Sodium Benzoate
Aerosol OT-100 (American Cyanamid)	Diethyl Sodium Sulfosuccinate
Aerosol TR-70 (American *Cyanamid)	Ditridecyl Sodium Sulfosuccinate
Aerosol 18 (American Cyanamid)	Disodium Monostearyl Sulfosuccinate
Aerosol 22 (American Cyanamid)	Tetrasodium Dicarboxyethyl Stearyl Sulfosuccinamate
Aerothene TT (Dow)	Trichloroethane
Aethoxal (Henkel)	PPG-10-Ceteareth-20
Afron (Audel)	Ammonium Laureth Sulfate
Agar	Agar
Agar Agar Flake	Agar
Agave Lechuguilla	Sisal
AG1 Talc, BC 1615 (Whittaker, Clark & Daniels)	Talc
Ajidew A-100 (Ajinomoto)	PCA
Ajidew N-50 (Ajinomoto)	Sodium PCA
*Alacsan 7LUF (Alcolac)	Olealkonium Chloride
Alamine 304 (General Mills)	Trilaurylamine
Alanine	Alanine
Albagen Premium USP 4444 (Whittaker, Clark & Daniels)	Bentonite
Albagen 4446 (Whittaker, Clark & Daniels)	Montmorillonite
Albagen 4439 (Whittaker, Clark & Daniels)	Montmorillonite
*Albalan (Stepan)	Lanolin Wax
*Albalan (Westbrook Lanolin)	Lanolin Wax
Albanil O (Sandoz)	Hydrolyzed Animal Protein
Albone CG (DuPont)	Hydrogen Peroxide
Albone 50 CG (DuPont)	Hydrogen Peroxide
Albumen	Albumen
Alcloxa	Alcloxa
Alcohol, Denatured	(See <i>SD Alcohol</i> )
*Alcolan (Robinson-Wagner)	Petrolatum (and) Lanolin Alcohol
*Alcolan 36W (Robinson-Wagner)	Lanolin (and) Petrolatum
*Alcolan 40 (Robinson-Wagner)	Lanolin (and) Petrolatum (and) Beeswax
Alcolec D (American Lecithin)	Lecithin
Alcolec DS (American Lecithin)	Lecithin

**Allantoin Calcium Pantothenate**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Alcolec DS-A (American Lecithin)	Lecithin
Alcolec Granules (American Lecithin)	Lecithin
Alcolec PSH (American Lecithin)	Lecithin
Alcolec 435 (American Lecithin)	Lecithin
Aldioxa	Aldioxa
Aldo HMO (Glyco)	Glyceryl Oleate
Aldo HMS (Glyco)	Glyceryl Stearate
Aldo MC (Glyco)	Glyceryl Cocoate
Aldo MLD (Glyco)	Glyceryl Laurate
Aldo MO (Glyco)	Glyceryl Oleate
Aldo MOD (Glyco)	Glyceryl Oleate SE
Aldo MR (Glyco)	Glyceryl Ricinoleate
Aldo MS (Glyco)	Glyceryl Stearate
Aldo MSA (Glyco)	Glyceryl Stearate
*Aldo MSD (Glyco)	Glyceryl Stearate SE
Aldo MSLG (Glyco)	Glyceryl Stearate
*Aldospense AA 40/60 (Glyco)	Glyceryl Stearate (and) PEG-20 Glyceryl Stearate
Aldospense MS-20 (Glyco)	PEG-20 Glyceryl Stearate
Aldospense O-20 (Glyco)	Glyceryl Stearate (and) Polysorbate-80
Aldospense TS-20 (Glyco)	Glyceryl Stearate (and) Polysorbate-65
Aldospense TS-40 (Glyco)	Glyceryl Stearate (and) Polysorbate-65
Aldo TO (Glyco)	Triolein
Alfol 4 (Conoco)	n-Butyl Alcohol
Alfol 6 (Conoco)	Hexyl Alcohol
Alfol 8 (Conoco)	Caprylic Alcohol
Alfol 10 (Conoco)	Decyl Alcohol
Alfol 12 (Conoco)	Lauryl Alcohol
Alfol 14 (Conoco)	Myristyl Alcohol
Alfol 16 (Conoco)	Cetyl Alcohol
Alfol 18 (Conoco)	Stearyl Alcohol
Alfol 1216 Alcohol (Conoco)	C12-16 Alcohols
Algae Extract	Algae Extract
Algaroba	Locust Bean Gum
Algin	Algin
Alginic Acid	Alginic Acid
Algum B2A (Edward Mendell)	Ammonium Alginate
Algum S (Edward Mendell)	Algin
Alipal CO-433 (GAF)	Sodium Nonoxynol-4 Sulfate
Alipal CO-436 (GAF)	Ammonium Nonoxynol-4 Sulfate
Aliquat H226 (General Mills)	Quaternium-18
Alkaterge E (Commercial Solvents)	Ethyl Hydroxymethyl Oleyl Oxazoline
Alkposal MLES-35 (Chem-Y)	MEA-Laureth Sulfate
Alkyldimethylbenzylammonium Chloride (USP)	Benzalkonium Chloride
Alkyl Dimethyl Benzyl Ammonium Saccharinate	Quaternium-3
Alkyl Dimethyl Ethylbenzyl Ammonium Cyclohexyl Sulfamate	Quaternium-8
Alkyl Myristate (Bush Boake Allen)	Isodecyl Myristate (and) Octyl Myristate
Allantoin	Allantoin
Allantoin N-Acetyl-DL-Methionine	Allantoin Acetyl Methionine
Allantoin Alpha-D-Galacturonic Acid	Allantoin Galacturonic Acid
Allantoin Ascorbate	Allantoin Ascorbate
Allantoin Calcium Pantothenate	Allantoin Calcium Pantothenate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

# Allantoin Galacturonic Acid

# Amide No. 23 (Procter & Gamble)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Allantoin Galacturonic Acid	Allantoin Galacturonic Acid
Allantoin Galacturonic Acid Complex	Allantoin Galacturonic Acid
Allantoin PABA	Allantoin PABA
Allantoin Polygalacturonic Acid	Allantoin Polygalacturonic Acid
Allantoin Proteinate (Schuykill)	Hydrolyzed Animal Protein (and) Allantoin
Allantoin Vit. C (Schuykill)	Allantoin Ascorbate
Alligator Pear Oil	Avocado Oil
Allura Red AC (Allied)	FD & C Red No. 40
Allylguaiacol	Eugenol
ALMETH (Schuykill)	Allantoin Acetyl Methionine
Almond Meal	Almond Meal
Almond Oil	Bitter Almond Oil (or) Sweet Almond Oil
Almond Oil, Bitter	Bitter Almond Oil
Almond Oil, Sweet	Sweet Almond Oil
Aloe	Aloe
Aloe Extract	Aloe Extract
Aloe Gel	Aloe Juice
Aloe Juice	Aloe Juice
Aloe Vera	Aloe
ALPABA (Schuykill)	Allantoin PABA
ALPABAMOD (Schuykill)	PABA (and) Allantoin
ALPANTHA (Schuykill)	Panthenol (and) Allantoin
*D-Alpha Tocopherol	Tocopherol
*DL-Alpha Tocopherol	Tocopherol
*D-Alpha Tocopheryl Acetate	Tocopheryl Acetate
*DL-Alpha Tocopheryl Acetate	Tocopheryl Acetate
*D-Alpha Tocopheryl Succinate	Tocopheryl Succinate
*DL-Alpha Tocopheryl Succinate	Tocopheryl Succinate
Alpha-Terpineol	Terpineol
Alpine Talc USP, BC 127 (Whittaker, Clark & Daniels)	Talc
Alpine Talc USP, BC 141 (Whittaker, Clark & Daniels)	Talc
Alpine Talc USP, BC 662 (Whittaker, Clark & Daniels)	Talc
ALPOLY GAL (Schuykill)	Allantoin Polygalacturonic Acid
ALPRO (Schuykill)	Hydrolyzed Animal Protein (and) Allantoin
Alromine RA (Ciba-Geigy)	Stearamide DEA
*Alrosol C (Ciba-Geigy)	Capramide DEA
Alrosol Conc (Ciba-Geigy)	Cocamide DEA
Alrosol O (Ciba-Geigy)	Oleamide DEA
Alrosol S (Ciba-Geigy)	Stearamide DEA
Alrospers 11P (Ciba-Geigy)	Stearamide DEA
Alscoap TA-40 (Toho)	TEA-Laureth Sulfate
Althea Extract	Althea Extract
Alum	Ammonium Alum (or) Potassium Alum
Alum Ammonium	Ammonium Alum
Alumina	Alumina
Alumina Hydrated	Aluminum Hydroxide
Aluminum (Sweden)	Aluminum Powder
Aluminum Acetate Solution	Aluminum Acetate Solution
Aluminum Ammonium Sulfate	Ammonium Alum
Aluminum Behenate	Aluminum Behenate
Aluminum Caprylate	Aluminum Caprylate
Aluminum Chlorhydrate 50% Solution	Aluminum Chlorohydrate
Aluminum Chlorhydroxide	Aluminum Chlorohydrate
*Aluminum Chlorhydroxide Alcohol Soluble Complex	Aluminum Chlorohydrate
Aluminum Chlorhydroxy Allantoinate	Alcloxa
Aluminum Chloride	Aluminum Chloride

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Aluminum Chloride Hexahydrate	Aluminum Chloride
Aluminum Chlorohydrate	Aluminum Chlorohydrate
Aluminum Chlorohydrate	Aluminum Chlorohydrate
*Aluminum Chlorohydrate Propylene Glycol Complex	Aluminum Chlorohydrate
Aluminum Diacetate	Aluminum Diacetate
Aluminum Dihydroxy Allantoinate	Aldioxa
Aluminum Distearate	Aluminum Distearate
Aluminum Glycinate	Aluminum Glycinate
Aluminum Hydroxide	Aluminum Hydroxide
Aluminum Hydroxyacetate	Aluminum Diacetate
Aluminum Hydroxychloride	Aluminum Chlorohydrate
Aluminum Lanolate	Aluminum Lanolate
Aluminum Magnesium Silicate	Magnesium Aluminum Silicate
Aluminum Methionate	Aluminum Methionate
Aluminum Monostearate	Aluminum Stearate
Aluminum Octanoate	Aluminum Caprylate
Aluminum Oxide	Alumina
Aluminum Phenolsulfonate	Aluminum Phenolsulfonate
Aluminum Potassium Sulfate	Potassium Alum
Aluminum Powder	Aluminum Powder
Aluminum Silicate	Aluminum Silicate
Aluminum Sodium Sulfate	Sodium Alum
Aluminum Starch Octenylsuccinate	Aluminum Starch Octenylsuccinate
Aluminum Stearate	Aluminum Stearate
Aluminum Subacetate	Aluminum Diacetate
Aluminum Sulfate	Aluminum Sulfate
Aluminum Sulfocarbolate	Aluminum Phenolsulfonate
Aluminum Tristearate	Aluminum Tristearate
Alum Potassium	Potassium Alum
Amber (Penreco)	Petrolatum
Ambiflo L-317 (Dow)	PPG-40 Butyl Ether
Amerchol BL (Amerchol)	Lanolin (and) Mineral Oil (and) Lanolin Alcohol
Amerchol C (Amerchol)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Amerchol CAB (Amerchol)	Petrolatum (and) Lanolin Alcohol
Amerchol H-9 (Amerchol)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
*Amerchol L-99 (Amerchol)	Mineral Oil (and) Lanolin Alcohol
Amerchol L-101 (Amerchol)	Mineral Oil (and) Lanolin Alcohol
*Amerchol L-500 (Amerchol)	Lanolin Alcohol (and) Mineral Oil
Amerchol RC (Amerchol)	Lanolin Alcohol (and) Petrolatum
*Amerchol 400 (Amerchol)	Lanolin Alcohol (and) Petrolatum
Amerlate LFA (Amerchol)	Lanolin Acid
Amerlate P (Amerchol)	Isopropyl Lanolate
Amerlate W (Amerchol)	Isopropyl Lanolate
Amerlate WFA (Amerchol)	Lanolin Acid
Ameroxol OE-2 (Amerchol)	Oleth-2
Ameroxol OE-10 (Amerchol)	Oleth-10
Ameroxol OE-20 (Amerchol)	Oleth-20
Amerscreen P (Amerchol)	Ethyl Dihydroxypropyl PABA
Amide No. 23 (Procter & Gamble)	Lauramide DEA

## Amide No. 27 (Procter & Gamble)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Amide No. 27 (Procter & Gamble)	Cocamide MEA
Amide No. 72 (Procter & Gamble)	Cocamide DEA
Amido Yellow EA	Acid Orange 3
Amidox C-2 (Stepan)	PEG-3 Cocamide
Amidox C-5 (Stepan)	PEG-6 Cocamide
Amidox L-2 (Stepan)	PEG-3 Lauramide
Amidox L-5 (Stepan)	PEG-6 Lauramide
*Amine 100 (Richardson)	Cocamidopropyl Dimethylamine
Aminoacetic Acid	Glycine
p-Aminobenzoic Acid	PABA
6-Aminocaproic Acid	6-Aminocaproic Acid
6-Aminocaproic Acid	6-Aminocaproic Acid
2-Amino-6-Chloro-4-Nitrophenol	2-Amino-6-Chloro-4-Nitrophenol
2-Amino-4,6-Dinitrophenol	Picramic Acid
p-Aminodiphenylamine	N-Phenyl-p-Phenylene-diamine
4-Aminodiphenylamine	N-Phenyl-p-Phenylene-diamine
p-Aminodiphenylamine HCl	N-Phenyl-p-Phenylene-diamine HCl
p-Aminodiphenylamine Sulfate	N-Phenyl-p-Phenylene-diamine Sulfate
2-Aminoethanol	Ethanolamine
Aminoethylacrylate Phosphate/Acrylate Copolymer	Aminoethylacrylate Phosphate/Acrylate Copolymer
2-Amino-3-Hydroxybutyric Acid	Threonine
4-Amino-2-Hydroxy-1-Methylbenzene	4-Amino-2-Hydroxy-toluene
2-Amino-2-(Hydroxymethyl)-1,3-Propanediol	Tromethamine
2-Amino-3-Hydroxypropionic Acid	Serine
4-Amino-2-Hydroxy-toluene	4-Amino-2-Hydroxy-toluene
Aminol CA-2 (Finetex)	Ricinoleamide DEA
Aminol CFM (Finetex)	Cocamide MEA
Aminol CO-S (Finetex)	Cocamide DEA
Aminol COR-2 (Finetex)	Cocamide DEA
Aminol CS-12 (Finetex)	Cocamide DEA
Aminol HCA (Finetex)	Cocamide DEA
Aminol LA-12 (Finetex)	Lauramide DEA
Aminol LM-5 (Finetex)	Lauramide DEA
Aminol LM-30 (Finetex)	Lauramide DEA
Aminol LNO (Finetex)	Linoleamide DEA
Aminol MRC (Finetex)	Myristamide DEA
Aminol MRC-A (Finetex)	Myristamide DEA
Aminol MRM (Finetex)	Myristamide MEA
Aminol MS (Finetex)	Stearamide MEA
Aminol N-1918 (Finetex)	Stearamide DEA
Aminol OF (Finetex)	Oleamide DEA
Aminol OL (Finetex)	Oleamide DEA
Aminol OT (Finetex)	Oleamide DEA
Aminol STD (Finetex)	Stearamide DEA
Aminol VR-14 (Finetex)	Lauramide DEA
2-Amino-2-Methyl-1,3-Propanediol	Aminomethyl Propanediol
2-Amino-2-Methyl-1-Propanol	Aminomethyl Propanol

## Ammonium Molybdate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
4-Amino-2-Nitrodiphenylamine	HC Red No. 1
2-Amino-4-Nitrophenol	2-Amino-4-Nitrophenol
2-Amino-5-Nitrophenol	2-Amino-5-Nitrophenol
4-Amino-2-Nitrophenol	4-Amino-2-Nitrophenol
m-Aminophenol	m-Aminophenol
o-Aminophenol	o-Aminophenol
p-Aminophenol	p-Aminophenol
2-Aminophenol	o-Aminophenol
3-Aminophenol	m-Aminophenol
4-Aminophenol	p-Aminophenol
p-Aminophenol HCl	p-Aminophenol HCl
1-Amino-2-Propanol	Isopropanolamine
2-Aminopropionic Acid	Alanine
2-Aminovaleric Acid	Norvaline
Amisoft CS-11 (Ajinomoto)	Sodium Cocoyl Glutamate
Amisoft CT-12 (Ajinomoto)	TEA-Cocoyl Glutamate
Amisoft GS-11 (Ajinomoto)	Sodium Hydrogenated Tallow Glutamate (and) Sodium Cocoyl Glutamate
Amisoft HS-11 (Ajinomoto)	Sodium Hydrogenated Tallow Glutamate
Amisoft HT-12 (Ajinomoto)	TEA-Hydrogenated Tallow Glutamate
Amisoft LS-11 (Ajinomoto)	Sodium Lauroyl Glutamate
Amisoft LT-12 (Ajinomoto)	TEA-Lauroyl Glutamate
Ammonia	Ammonia
Ammonia Solution, Strong	Ammonium Hydroxide
Ammonia Water	Ammonium Hydroxide
Ammonium Acetate	Ammonium Acetate
Ammonium Acrylates Copolymer	Ammonium Acrylates Copolymer
Ammonium Alginate	Ammonium Alginate
Ammonium Alum	Ammonium Alum
Ammonium Aluminum Sulfate	Ammonium Alum
Ammonium Bicarbonate	Ammonium Bicarbonate
Ammonium Bisulfite	Ammonium Bisulfite
Ammonium C12-15 Alcohols Sulfate	Ammonium C12-15 Alcohols Sulfate
Ammonium Carbomer-934	Carbomer-960
Ammonium Carbomer-941	Carbomer-961
Ammonium Carbonate	Ammonium Carbonate
Ammonium Chloride	Ammonium Chloride
Ammonium Citrate, Dibasic	Diammonium Citrate
Ammonium Cocomonoglyceride Sulfate	Ammonium Cocomonoglyceride Sulfate
Ammonium Dihydrogen Phosphate	Ammonium Phosphate
Ammonium Dodecylbenzenesulfonate	Ammonium Dodecylbenzenesulfonate
Ammonium Glycyrrhizate	Ammonium Glycyrrhizate
Ammonium Glycyrrhizinate	Ammonium Glycyrrhizate
Ammonium Hydroxide	Ammonium Hydroxide
Ammonium Iodide	Ammonium Iodide
Ammonium Isostearate	Ammonium Isostearate
Ammonium Laureth Sulfate	Ammonium Laureth Sulfate
Ammonium Laureth-7 Sulfate	Ammonium Laureth-7 Sulfate
Ammonium Laureth-12 Sulfate	Ammonium Laureth-12 Sulfate
Ammonium Lauryl Benzene Sulfonate	Ammonium Dodecylbenzenesulfonate
Ammonium Lauryl Ether Sulfate	Ammonium Laureth Sulfate
Ammonium Lauryl Sulfate	Ammonium Lauryl Sulfate
Ammonium Manganese Pyrophosphate	Manganese Violet
Ammonium Mercaptoacetate	Ammonium Thioglycolate
Ammonium Molybdate	Ammonium Molybdate

## Ammonium Monooleamidulosulfosuccinate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Ammonium Monooleamidulosulfosuccinate	Ammonium Monooleamidulosulfosuccinate
Ammonium Muriate	Ammonium Chloride
Ammonium Myreth Sulfate	Ammonium Myreth Sulfate
Ammonium Myristyl Ether Sulfate	Ammonium Myreth Sulfate
Ammonium Nonoxynol-4 Sulfate	Ammonium Nonoxynol-4 Sulfate
Ammonium Pareth-25 Sulfate	Ammonium Pareth-25 Sulfate
Ammonium Peroxydisulfate	Ammonium Persulfate
Ammonium Persulfate	Ammonium Persulfate
Ammonium Phosphate, Dibasic	Diammonium Phosphate
Ammonium Phosphate, Monobasic	Ammonium Phosphate
Ammonium Stearate	Ammonium Stearate
Ammonium Styrene/Acrylate Copolymer	Ammonium Styrene/Acrylate Copolymer
Ammonium Sulfate	Ammonium Sulfate
Ammonium Sulfite	Ammonium Sulfite
Ammonium Thioglycolate	Ammonium Thioglycolate
Ammonium Vinyl Acetate/Acrylates Copolymer	Ammonium Vinyl Acetate/Acrylates Copolymer
Ammonium Xylene Sulfonate	Ammonium Xylene Sulfonate
Ammonyx CA Special (Onyx)	Stearalkonium Chloride
Ammonyx CDO (Onyx)	Cocamidopropylamine Oxide
Ammonyx CO (Onyx)	Cetamine Oxide
Ammonyx G (Onyx)	Cetalkonium Chloride
Ammonyx LO (Onyx)	Lauramine Oxide
Ammonyx MCO (Onyx)	Myristamine Oxide
Ammonyx MO (Onyx)	Myristamine Oxide
Ammonyx SO (Onyx)	Stearamine Oxide
Ammonyx TDO (Onyx)	Tallow Amidopropylamine Oxide
Ammonyx 4 (Onyx)	Stearalkonium Chloride
Ammonyx 485 (Onyx)	Stearalkonium Chloride
Ammonyx 490 (Onyx)	Stearalkonium Chloride
Ammonyx 2200 (Onyx)	Quaternium-18
Ammonyx 4002 (Onyx)	Stearalkonium Chloride
Amoco White Mineral Oil #5 NF (Amoco)	Mineral Oil
Amoco White Mineral Oil #7 NF (Amoco)	Mineral Oil
Amoco White Mineral Oil #9 NF (Amoco)	Mineral Oil
Amoco White Mineral Oil #10 NF (Amoco)	Mineral Oil
Amoco White Mineral Oil #13 NF (Amoco)	Mineral Oil
Amoco White Mineral Oil #18 USP (Amoco)	Mineral Oil
Amoco White Mineral Oil #21 USP (Amoco)	Mineral Oil
Amoco White Mineral Oil #31 USP (Amoco)	Mineral Oil
Amoco White Mineral Oil #35 USP (Amoco)	Mineral Oil
Amodimethicone	Amodimethicone
Amojell Petrolatum Cream (Amoco)	Petrolatum
Amojell Petrolatum Snow White (Amoco)	Petrolatum
AMP Regular (Commercial Solvents)	Aminomethyl Propanol
AMPD (Commercial Solvents)	Aminomethyl Propanediol
*AMP Isostearic Hydrolyzed Animal Protein	AMP Isostearic Hydrolyzed Animal Protein

## Antiviray (Bush Boake Allen)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Amphomer (National Starch)	Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Polymer
Amphoterge K (Lonza)	Amphoteric-1
Amphoterge K-2 (Lonza)	Amphoteric-2
Amphoterge KS (Lonza)	Amphoteric-13
Amphoterge S (Lonza)	Amphoteric-16
Amphoterge SB (Lonza)	Amphoteric-13
Amphoterge W (Lonza)	Amphoteric-1
Amphoterge W-2 (Lonza)	Amphoteric-2
Amphoteric-1	Amphoteric-1
Amphoteric-2	Amphoteric-2
Amphoteric-3	Amphoteric-3
Amphoteric-4	Amphoteric-4
Amphoteric-5	Amphoteric-5
Amphoteric-6	Amphoteric-6
Amphoteric-7	Amphoteric-7
Amphoteric-8	Amphoteric-8
Amphoteric-9	Amphoteric-9
Amphoteric-10	Amphoteric-10
Amphoteric-11	Amphoteric-11
Amphoteric-12	Amphoteric-12
Amphoteric-13	Amphoteric-13
Amphoteric-14	Amphoteric-14
Amphoteric-15	Amphoteric-15
Amphoteric-16	Amphoteric-16
Amphoteric-17	Amphoteric-17
Amphoteric-18	Amphoteric-18
Amphoteric-19	Amphoteric-19
Amphoteric-20	Amphoteric-20
Amsonic Acid	Amsonic Acid
Amyl Acetate	Amyl Acetate
Amylase	Amylase
Amyl p-Dimethylamino-benzoate	Amyl Dimethyl PABA
Amyl Dimethyl PABA	Amyl Dimethyl PABA
Amylopectin	Amylopectin
Amyl Salicylate	Amyl Salicylate
Anethole	Anethole
Anhydrite	Calcium Sulfate
Anhydrol (Union Carbide)	Alcohol
Anhydrous Lanolin	Lanolin
Animal Protein Derivative	Animal Protein Derivative
Anionyx 12S (Onyx)	Disodium Monolauramidulosulfosuccinate
Anise Oil	Anise Oil
Aniseed Oil	Anise Oil
o-Anisidine	o-Anisidine
p-Anisidine	p-Anisidine
Annatto	Annatto
Annatto B-1973 OS (Kohnstamm)	Corn Oil (and) Glycerol Oleate (and) Annatto
Antaron FC-34 (GAF)	Amphoteric-1
Antaron PC-37 (GAF)	Quaternium-54
Antifoam A Compound (Dow Corning)	Simethicone
Antifoam AF Emulsion (Dow Corning)	Simethicone
Antifoam C Emulsion (Dow Corning)	Simethicone
Antifoam FG-10 Emulsion (Dow Corning)	Simethicone
Antimony Potassium Tartrate	Antimony Potassium Tartrate
Antioxidant No. 221 (Greeff)	p-Hydroxyanisole
Antirancidol	Maleic Anhydride
Antiviray (Bush Boake Allen)	Homosalate (and) Benzyl Salicylate (and) Methyl Eugenol

## Apicerol (Dragoco)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Apicerol (Dragoco)	Petrolatum (and) Mineral Oil (and) Beeswax (and) Polyglyceryl-2 Sesquioleate (and) Lanolin (and) Isopropyl Myristate
Apricot Extract	Apricot Extract
Apricot Kernel Oil	Apricot Kernel Oil
Aqua Ammonium	Ammonium Hydroxide
Aqualizer EJ (Kolmar)	Polyamino Sugar Condensate
Aqualose L30 (Westbrook Lanolin)	PEG-30 Lanolin
Aqualose L100 (Westbrook Lanolin)	PEG-100 Lanolin
Aqualose LL100 (Westbrook Lanolin)	PPG-40-PEG-60 Lanolin Oil
Aqualose W5 (Westbrook Lanolin)	Laneth-5
Aqualose W20 (Westbrook Lanolin)	Laneth-20
*Aquapalm No. 63841 (Roche)	Retinyl Palmitate
Aquapelant Lake (Sun)	D & C Red No. 19 Aluminum Lake
Arachidonic Acid	Arachidonic Acid
Arachidyl Propionate	Arachidyl Propionate
Arachis Oil	Peanut Oil
ARCO (ARCO)	Paraffin
Argo Brand Corn Starch (Best Foods)	Corn Starch
Argonol ACE 2 (Westbrook Lanolin)	Acetylated Lanolin Alcohol
Argonol ACE 5 (Westbrook Lanolin)	Cetyl Acetate (and) Acetylated Lanolin Alcohol
Argonol 40 (Westbrook Lanolin)	Isobutylated Lanolin Oil
Argonol 50 Pharm. (Westbrook Lanolin)	Lanolin Oil
Argonol 50 Super (Westbrook Lanolin)	Lanolin Oil
Argonol 60 (Westbrook Lanolin)	Lanolin Oil
Argowax Distilled (Westbrook Lanolin)	Lanolin Alcohol
Argowax LFA Distilled (Westbrook Lanolin)	Lanolin Acid
Argowax LFA Standard (Westbrook Lanolin)	Lanolin Acid
Argowax Standard (Westbrook Lanolin)	Lanolin Alcohol
Aristolochia Extract	Serpentaria Extract
*Aristowax 143 (Union Oil)	Paraffin
*Aristowax 165 (Union Oil)	Paraffin
Arkopal N-040 (American Hoechst)	Nonoxynol-4
Arkopal N-060 (American Hoechst)	Nonoxynol-6
Arkopal N-080 (American Hoechst)	Nonoxynol-8
Arkopal N-090 (American Hoechst)	Nonoxynol-9
Arkopal N-100 (American Hoechst)	Nonoxynol-10
Arkopal N-110 (American Hoechst)	Nonoxynol-11
Arkopal N-130 (American Hoechst)	Nonoxynol-13
Arkopal N-150 (American Hoechst)	Nonoxynol-15
Arkopal N-230 (American Hoechst)	Nonoxynol-23
Arkopal N-300 (American Hoechst)	Nonoxynol-30

## Arnica Extract (Rhodia)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Arlacel C (ICI United States)	Sorbitan Sesquioleate
Arlacel 20 (ICI United States)	Sorbitan Laurate
Arlacel 40 (ICI United States)	Sorbitan Palmitate
Arlacel 60 (ICI United States)	Sorbitan Stearate
Arlacel 80 (ICI United States)	Sorbitan Oleate
Arlacel 83 (ICI United States)	Sorbitan Sesquioleate
Arlacel 85 (ICI United States)	Sorbitan Trioleate
*Arlacel 165 (ICI United States)	Glyceryl Stearate (and) PEG-100 Stearate
Arlacel 186 (ICI United States)	Glyceryl Oleate (and) Propylene Glycol
Arlamol E (ICI United States)	PPG-15 Stearyl Ether
Arlatone G (ICI United States)	PEG-25 Hydrogenated Castor Oil
Arlatone T (ICI United States)	PEG-40 Sorbitan Peroleate
Arlex (ICI United States)	Sorbitol
Armeen C (Armak)	Cocamine
Armeen CD (Armak)	Cocamine
Armeen DMCD (Armak)	Dimethyl Cocamine
Armeen DMHTD (Armak)	Dimethyl Hydrogenated Tallow Amine
Armeen DMMCD (Armak)	Dimethyl Cocamine
Armeen DMSD (Armak)	Dimethyl Soyamine
Armeen DM12D (Armak)	Dimethyl Lauramine
Armeen DM14D (Armak)	Dimethyl Myristamine
Armeen DM16D (Armak)	Dimethyl Palmitamine
Armeen DM18D (Armak)	Dimethyl Stearamine
*Armeen HTD (Armak)	Hydrogenated Tallow Amine
Armeen O (Armak)	Oleamine
Armeen OD (Armak)	Oleamine
Armeen S (Armak)	Soyamine
Armeen SD (Armak)	Soyamine
Armeen TD (Armak)	Tallow Amine
Armeen Z (Armak)	Cocaminobutyric Acid
Armeen 2C (Armak)	Dicocamine
Armeen 2HT (Armak)	Hydrogenated Ditalow Amine
Armeen 2S (Armak)	Disoyamine
Armeen 12 (Armak)	Lauramine
*Armeen 12D (Armak)	Lauramine
Armeen 16D (Armak)	Palmitamine
Armeen 18 (Armak)	Stearamine
Armeen 18D (Armak)	Stearamine
Armid C (Armak)	Cocamide
Armid HT (Armak)	Tallow Amide
Armid O (Armak)	Oleamide
Armid 18 (Armak)	Stearamide
Armosoft L (Armak)	Quaternium-48
Armosoft M (Armak)	Quaternium-48
Armotan ML (Armak)	Sorbitan Laurate
Armotan MO (Armak)	Sorbitan Oleate
Armotan MS (Armak)	Sorbitan Stearate
Armotan PML-20 (Armak)	Polysorbate 20
Armotan PMO-20 (Armak)	Polysorbate 80
Armotan PMS-20 (Armak)	Polysorbate 60
Arnica	Arnica
*Arnica Extract	Arnica Extract
Arnica Extract (Rhodia)	Glycerin (and) Arnica Extract

**Arochem 351 (Ashland)**

**Avicel (FMC)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Arochem 351 (Ashland)	Pentaerythritol Rosinate
Arochem 351-ML-60 (Ashland)	Pentaerythritol Rosinate (and) Mineral Spirits
Aromox C/12 (Armak)	Dihydroxyethyl Cocamine Oxide
Aromox C/12W (Armak)	Dihydroxyethyl Cocamine Oxide
Armox DMC (Armak)	Cocamine Oxide
Aromox DMC-W (Armak)	Cocamine Oxide
Aromox DMCD (Armak)	Cocamine Oxide
Aromox DMHT (Armak)	Hydrogenated Tallow Amine Oxide
Aromox DMMC-W (Armak)	Lauramine Oxide
Aromox DM16 (Armak)	Palmitamine Oxide
Aromox N-CM-W (Armak)	Coco-Morpholine Oxide
Aromox T/12 (Armak)	Dihydroxyethyl Tallow Amine Oxide
Aromox 18/12 (Armak)	Dihydroxyethyl Stearamine Oxide
Arosurf CL-744 (Ashland)	PPG-4-Cetareth-12
Arosurf CLA1 (Ashland)	PPG-3-Isosteareth-9
Arosurf GMS-E20 (Ashland)	PEG-20 Glyceryl Stearate
Arosurf TA-100 (Ashland)	Quaternium-5
Arosurf 63-PE16 (Ashland)	PPG-4-Cetareth-12
Arosurf 66-E2 (Ashland)	Isosteareth-2
Arosurf 66-E10 (Ashland)	Isosteareth-10
Arosurf 66-E20 (Ashland)	Isosteareth-20
Arquad C-50 (Armak)	Cocotrimonium Chloride
*Arquad S-50 (Armak)	Soyatrimonium Chloride
Arquad T-50 (Armak)	Tallowtrimonium Chloride
Arquad 2C-75 (Armak)	Quaternium-34
*Arquad 2HT-75 (Armak)	Quaternium-18
Arquad 2S-75 (Armak)	Quaternium-5
Arquad 2T-75 (Armak)	Quaternium-48
Arquad 12-33 (Armak)	Laurtrimonium Chloride
Arquad 12-50 (Armak)	Laurtrimonium Chloride
Arquad 16-25 (Armak)	Cetrimonium Chloride
Arquad 16-25W (Armak)	Cetrimonium Chloride
Arquad 16-29 (Armak)	Cetrimonium Chloride
Arquad 16-29W (Armak)	Cetrimonium Chloride
Arquad 16-50 (Armak)	Cetrimonium Chloride
Arquad 18-50 (Armak)	Steartrimonium Chloride
Artificial Almond Oil	Benzaldehyde
Artisil Blue BSG (Sandoz)	Disperse Blue 3
Artisil Blue SAP Conc (Sandoz)	Disperse Blue 1
Artisil Direct Violet BP (Sandoz)	Disperse Violet 4
Artisil Red R Conc (Sandoz)	Disperse Red 17
Artisil Scarlet GP Conc (Sandoz)	Disperse Red 1
Artisil Yellow G (Sandoz)	Disperse Yellow 3
Ascorbic Acid	Ascorbic Acid

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Ascorbyl Palmitate	Ascorbyl Palmitate
Ascorbyl Stearate	Ascorbyl Stearate
Aseptoform (Greeff)	Methylparaben
Astringen (Waverly)	Aluminum Chlorohydrate
*Astro Orange 3109 (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
Atlas G-271 (ICI United States)	Quaternium-2
Atlas G-1441 (ICI United States)	PEG-40 Sorbitan Lanolate
Atlas G-1471 (ICI United States)	PEG-75 Sorbitan Lanolate
Atlas G-1702 (ICI United States)	PEG-6 Sorbitan Beeswax
Atlas G-1726 (ICI United States)	PEG-20 Sorbitan Beeswax
*Atlas G-1790 (ICI United States)	PEG-20 Lanolin
*Atlas G-1795 (ICI United States)	PEG-50 Lanolin
Atlas G-2151 (ICI United States)	PEG-30 Stearate
Atlas G-2153 (ICI United States)	PEG-50 Stearate
Atlas G-2162 (ICI United States)	PEG-25 Propylene Glycol Stearate
Atlas G-3720 (ICI United States)	Steareth-20
Atlas G-3780-A (ICI United States)	PEG-20 Tallow Amine
Atlas G-3802 (ICI United States)	Ceteth-2
Atlas G-7596DJ (ICI United States)	PEG-44 Sorbitan Laurate
Atlas G-7596J (ICI United States)	PEG-10 Sorbitan Laurate
Atlas Lakolene B-3012 (Kohnstamm)	FD & C Red No. 3 Aluminum Lake
Atlas Lakolene B-3014 (Kohnstamm)	FD & C Yellow No. 5 Aluminum Lake
Atlas Lakolene B-3015 (Kohnstamm)	FD & C Yellow No. 6 Aluminum Lake
Atlas Lakolene B-3016 (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake
Atlas White Titanium Dioxide (Kohnstamm)	Titanium Dioxide
Atmos 150 (ICI United States)	Glyceryl Stearate
Atmos 300 (ICI United States)	Glyceryl Oleate
Atmul 84 (ICI United States)	Glyceryl Stearate
Atmul 124 (ICI United States)	Glyceryl Stearate
*Atomic Red 3009 (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
Attapulgit	Attapulgit
Attasorb RVM (Englehard Minerals)	Attapulgit
Avicel (FMC)	Cellulose



CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Avicel PH (FMC)	Cellulose
Avicel RC (FMC)	Cellulose
Avicel RC-581 (FMC)	Cellulose
Avicel RC-591 (FMC)	Cellulose
Avirol BOD-153 (Henkel)	Sodium Myreth Sulfate
Avirol BOD 253 (Henkel)	Ammonium Pareth-25 Sulfate
Avirol 115 Special (Henkel)	Sodium C12-15 Alcohols Sulfate

Avirol 118 Conc. (Henkel)	Sodium Lauryl Sulfate
Avirol 130 (Henkel)	Sulfated Castor Oil
Avirol 200 (Henkel)	Ammonium C12-15 Alcohols Sulfate
Avirol 300 (Henkel)	TEA-C12-15 Alcohols Sulfate
Avitex C (DuPont)	Sodium Cetyl Sulfate
Avitex S.F. (DuPont)	Sodium Cetyl Sulfate
Avocado Oil	Avocado Oil

Aytex (General Mills)	Wheat Starch
Azo Rhodine 2G (Sandoz)	Acid Red 1
Azulene	Azulene
Azulene Dragoco 2/912980 (Dragoco)	Guaiazulene

## — B —

B204-8000-10 Rayon Fiber (Claremont)	Rayon
B-1973 OS Annatto (Kohnstamm)	Corn Oil (and) Glyceryl Oleate (and) Annatto
B-3012 Atlas Lakolene (Kohnstamm)	FD & C Red No. 3 Aluminum Lake
B-3014 Atlas Lakolene (Kohnstamm)	FD & C Yellow No. 5 Aluminum Lake

B-3015 Atlas Lakolene (Kohnstamm)	FD & C Yellow No. 6 Aluminum Lake
B-3016 Atlas Lakolene (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake
B-3017 Atlas Lakolene (Kohnstamm)	FD & C Blue No. 2 Aluminum Lake
B-3241 Cosmetic Umber (Kohnstamm)	Iron Oxides (and) Talc (and) Ultramarine Blue

B-3279 Cosmetic Brown Y (Kohnstamm)	Iron Oxides
B-3323 Lakolene Green #1 Replacement (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake (and) FD & C Yellow No. 5 Aluminum Lake
B-3347 Hi Dye Lakolene (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake
B-3349 Hi Dye Lakolene (Kohnstamm)	FD & C Red No. 3 Aluminum Lake

B-3389 Cosmetic Umber (Kohnstamm)	Iron Oxides (and) Talc
B-3397 Hi Dye Lakolene (Kohnstamm)	FD & C Yellow No. 5 Aluminum Lake
B-3398 Hi Dye Lakolene (Kohnstamm)	FD & C Yellow No. 6 Aluminum Lake
B-3495 Cosmetic Burnt Umber (Kohnstamm)	Iron Oxides (and) Talc

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Baking Soda	Sodium Bicarbonate
Bali Red 3012 (Thomasset)	D & C Red No. 12 Barium Lake
Balm Mint Extract	Balm Mint Extract
Balm Mint Oil	Balm Mint Oil
Balsam Canada	Balsam Canada
Balsam of Fir	Balsam Canada

Balsam of Peru	Balsam Peru
Balsam Peru	Balsam Peru
Balsam Tolu	Balsam Tolu
Baptisia	Wild Indigo
Bardac 20 (Lonza)	Quaternium-24

Bardac 22 (Lonza)	Quaternium-12
Bareco BE Square Wax (Bareco)	Microcrystalline Wax
Barium Sulfate	Barium Sulfate
Barlene 12C (Lonza)	Dimethyl Cocamine
Barlene 12S (Lonza)	Dimethyl Lauramine

Barlene 14 (Lonza)	Dimethyl Myristamine
Barlene 14S (Lonza)	Dimethyl Myristamine
Barley Flour	Barley Flour
Barlox C (Lonza)	Cocamidopropylamine Oxide
Barlox NCM (Lonza)	Coco-Morpholine Oxide

Barlox 10S (Lonza)	Decylamine Oxide
Barlox 12 (Lonza)	Cocamine Oxide
Barlox 14 (Lonza)	Myristamine Oxide
Barlox 18S (Lonza)	Stearamine Oxide
Barquat CME-35 (Lonza)	Quaternium-25

Barquat CT-29 (Lonza)	Cetrimonium Chloride
Barquat CT-429 (Lonza)	Cetrimonium Chloride
*Barquat MB-50 (Lonza)	Benzalkonium Chloride
Barquat MB-80 (Lonza)	Benzalkonium Chloride
Barquat MS-100 (Lonza)	Myristalkonium Chloride

Barquat MX-50 (Lonza)	Myristalkonium Chloride
Barquat MX-80 (Lonza)	Myristalkonium Chloride
Barquat SB-25 (Lonza)	Stearalkonium Chloride
Barquat SME-35 (Lonza)	Quaternium-2
Base 60 (Bush Boake Allen)	Ethoxydiglycol (and) Nonoxynol-8 (and) Cetareth-17
Basic Bismuth Chloride	Bismuth Oxochloride

Basic Blue 7	Basic Blue 7
*Basic Blue 9	Basic Blue 9
Basic Brown 1	Basic Brown 1
Basic Brown 4	Basic Brown 4
Basic Orange 1	Basic Orange 1

Basic Orange 2	Basic Orange 2
Basic Red 2	Basic Red 2
Basic Violet 1	Basic Violet 1
Basic Violet 3	Basic Violet 3
*Basic Violet 10	Basic Violet 10

## Batyl Alcohol

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Batyl Alcohol Bayberry Wax Bay Oil Bayol 72 (EXXON) Bayol 90 (EXXON)	Batyl Alcohol Bayberry Wax Bay Oil Mineral Oil Mineral Oil
Bayol 92 (EXXON) BB (Theodore Leonhard) BC (Salomon & Bro.) Becco (FMC) Beef Tallow	Mineral Oil Beeswax Fullers Earth Hydrogen Peroxide Tallow
Beeswax Beeswax, White Beeswax, Yellow Beetle 227-8 (American Cyanamid)	Beeswax Beeswax Beeswax Butylated Urea-Formaldehyde Resin
Behenamidopropyl Dimethylamine Behenic Acid Behentrimonium Chloride Ben-A-Gel (NL Industries)	Behenamidopropyl Dimethylamine Behenic Acid Behentrimonium Chloride Hectorite
Benol White Mineral Oil (Witco) Bentolite L 4435 (Whittaker, Clark & Daniels) Bentone Gel CAO (NL Industries) Bentone Gel IPM (NL Industries)	Mineral Oil Bentonite Castor Oil (and) Stearalkonium Hectorite (and) Propylene Carbonate Isopropyl Myristate (and) Stearalkonium Hectorite (and) Propylene Carbonate
Bentone Gel Lantrol (NL Industries)	Lanolin Oil (and) Isopropyl Palmitate (and) Stearalkonium Hectorite (and) Propylene Carbonate
Bentone Gel MIO (NL Industries)	Mineral Oil (and) Quaternium-18 Hectorite (and) Propylene Carbonate
Bentone Gel M20 (NL Industries)	Propylene Glycol Dicaprylate/ Dicaprate (and) Stearalkonium Hectorite (and) Propylene Carbonate
Bentone Gel S 130 (NL Industries)	Mineral Spirits (and) Quaternium-18 Hectorite (and) Propylene Carbonate
Bentone Gel SS 71 (NL Industries)	Mineral Spirits (and) Quaternium-18 Hectorite (and) Propylene Carbonate
Bentone LT (NL Industries) Bentone 27 (NL Industries) *Bentone 34 (NL Industries) *Bentone 38 (NL Industries)	Hectorite (and) Hydroxyethylcellulose Stearalkonium Hectorite Quaternium-18 Bentonite Quaternium-18 Hectorite
Bentonite Bentonite USP, BC 670 (Whittaker, Clark & Daniels) Bentonite 2073 (Whittaker, Clark & Daniels) Benylate	Bentonite Bentonite Bentonite Benzyl Benzoate

## Betamid C-20 (Beta)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Benzaldehyde Benzalkonium Chloride 1,3,5-Benzenetriol Benzethonium Chloride Benzoflex 9-88 (Velsicol)	Benzaldehyde Benzalkonium Chloride Phloroglucinol Benzethonium Chloride PPG-2 Dibenzoate
Benzoic Acid Benzoic Acid Benzyl Ester Benzoin Benzoin Gum Benzophenone-1	Benzoic Acid Benzyl Benzoate Benzoin Benzoin Benzophenone-1
Benzophenone-2 Benzophenone-3 Benzophenone-4 Benzophenone-5 Benzophenone-6	Benzophenone-2 Benzophenone-3 Benzophenone-4 Benzophenone-5 Benzophenone-6
Benzophenone-7 Benzophenone-8 Benzophenone-9 Benzophenone-10 Benzophenone-11	Benzophenone-7 Benzophenone-8 Benzophenone-9 Benzophenone-10 Benzophenone-11
Benzophenone-12 Benzoresorcinol *Benzoxiquine *Benzoxyline 5-Benzoyl-4-Hydroxy-2-Methoxybenzene Sulfonic Acid	Benzophenone-12 Benzophenone-1 Benzoxiquine Benzoxiquine Benzophenone-4
4-Benzoyl Resorcinol Benzyl Acetate Benzyl Alcohol Benzyl Benzene Benzyl Benzoate	Benzophenone-1 Benzyl Acetate Benzyl Alcohol Diphenyl Methane Benzyl Benzoate
Benzyl Cinnamate Benzyl Dimethyl Stearyl Ammonium Chloride Benzyl p-Hydroxybenzoate 3-Benzylidene Camphor Benzylparaben Benzyl Salicylate	Benzyl Cinnamate Stearalkonium Chloride Benzylparaben 3-Benzylidene Camphor Benzylparaben Benzyl Salicylate
Benzyl Tegosept (Inolex) Benzyl Trimethyl Ammonium Hydrolyzed Animal Protein Berberis *Berberis Extract Beta Carotene	Benzylparaben Benzyl Trimethyl Ammonium Hydrolyzed Animal Protein Berberis Berberis Extract Carotene
Betacide B (Beta) Betacide E (Beta) Betacide M (Beta) Betacide P (Beta) Beta CL (Beta)	Butylparaben Ethylparaben Methylparaben Propylparaben Cetyl Lactate
Beta DIA (Beta) Beta DO (Beta) Betaine Betamid B-10 (Beta) Betamid C-20 (Beta)	Diisopropyl Adipate Decyl Oleate Betaine Behenamidopropyl Dimethylamine Cocamide DEA

**Betamid L-20 (Beta)**

***N,N*-Bis (2-Hydroxyethyl) Cocoyl Sarcosinamide**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Betamid L-20 (Beta)	Lauramide DEA
Betamid M-20 (Beta)	Myristamide DEA
Betamid O-70 (Beta)	Oleamidopropyl Dimethylamine Glycolate
Betamid P-10 (Beta)	Palmitamidopropyl Dimethylamine
Betamid S-10 (Beta)	Stearamidopropyl Dimethylamine
Betamid S-20 (Beta)	Stearamide DEA
Beta ML (Beta)	Myristyl Lactate
Beta MM (Beta)	Myristyl Myristate
Beta OO (Beta)	Oleyl Oleate
Beta PEG 3DL (Beta)	PEG-6 Dilaurate
Beta PEG 4DS (Beta)	PEG-8 Distearate
Beta PEG 4MS (Beta)	PEG-8 Stearate
BHA	BHA
BHT	BHT
Bicarbonate of Soda	Sodium Bicarbonate
Biformyl	Glyoxal
Biju DNC (Mearl)	Bismuth Oxychloride (and) Butyl Acetate (and) Xylene (and) Nitrocellulose (and) Isopropyl Alcohol
Bi-Lite (Mallinckrodt)	Bismuth Oxychloride (and) Mica
Bi-Lite Ultrapearl (Mallinckrodt)	Bismuth Oxychloride (and) Mica
Bi-Lite Ultrapress (Mallinckrodt)	Bismuth Oxychloride (and) Mica
Bi-Lite Ultrapress Satin (Mallinckrodt)	Mica (and) Bismuth Oxychloride
Bi-Lite Ultrawhite (Mallinckrodt)	Bismuth Oxychloride (and) Mica
Bi-Lite 20 (Mallinckrodt)	Mica (and) Bismuth Oxychloride
Bina Coba 3001 (Ciba-Geigy)	PEG-5 Tallow Amine
Bioflavonoids	Bioflavonoids
Biopal VRO-20 (GAF)	Nonoxynol-9 Iodine
Bio Soft D-35X (Stepan)	Sodium Dodecylbenzenesulfonate
Bio Soft D-40 (Stepan)	Sodium Dodecylbenzenesulfonate
Bio Soft D-60 (Stepan)	Sodium Dodecylbenzenesulfonate
Bio Soft D-62 (Stepan)	Sodium Dodecylbenzenesulfonate
Bio Soft LD-95 (Stepan)	Sodium Dodecylbenzenesulfonate (and) Sodium Laureth Sulfate (and) Lauramide DEA (and) Sodium Xylene Sulfonate (and) Urea
Bio Soft N-21 (Stepan)	TEA-Dodecylbenzenesulfonate (and) Cocamide DEA
Bio Soft N-300 (Stepan)	TEA-Dodecylbenzenesulfonate
Bio Soft S-100 (Stepan)	Dodecylbenzene Sulfonic Acid
Bioso! (Osaka Kasei)	o-Cymen-5-ol
Biosulphur Fluid CLR (Kurt Richter)	Polysorbate-80 (and) Sulfur
Bio Terge AS-40 (Stepan)	Sodium C14-16 Olefin Sulfonate
Bio Terge AS-90F (Stepan)	Sodium C14-16 Olefin Sulfonate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Bio Terge MMD (Stepan)	DEA-Methyl Myristate Sulfonate
Biotin	Biotin
Birch Leaf Extract	Birch Leaf Extract
Birch Oil, Sweet	Methyl Salicylate
Birch Sap	Birch Sap
Biron Extra (Rona Pearl)	Bismuth Oxychloride
Biron Fines (Rona Pearl)	Bismuth Oxychloride
Biron GO (Rona Pearl)	Bismuth Oxychloride
Biron HB (Rona Pearl)	Bismuth Oxychloride
Biron NLA (Rona Pearl)	Bismuth Oxychloride
Biron NLD (Rona Pearl)	Bismuth Oxychloride
Biron NLD-A (Rona Pearl)	Bismuth Oxychloride
Biron NLD-SP (Rona Pearl)	Bismuth Oxychloride
Biron NLE 2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron NLF-D (Rona Pearl)	Bismuth Oxychloride
Biron NLG 2X AQ (Rona Pearl)	Bismuth Oxychloride (and) Water
Biron NLG 2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron NLM (Rona Pearl)	Bismuth Oxychloride
Biron NLO (Rona Pearl)	Bismuth Oxychloride
Biron NLO 2X AQ (Rona Pearl)	Bismuth Oxychloride (and) Water
Biron NLO 2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron NLY-K-AQ (Rona Pearl)	Bismuth Oxychloride (and) Water
Biron NLY-L-2X AQ (Rona Pearl)	Bismuth Oxychloride (and) Water
Biron NLY-L-2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron NLY-L-2X IPA (Rona Pearl)	Bismuth Oxychloride (and) Isopropyl Alcohol
Biron NLY-L-2X IPM (Rona Pearl)	Bismuth Oxychloride (and) Isopropyl Myristate
Biron NLY-L-2X IPP (Rona Pearl)	Bismuth Oxychloride (and) Isopropyl Palmitate
Biron NLY-L-2X MO (Rona Pearl)	Bismuth Oxychloride (and) Mineral Oil
Biron NLZ 2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron NRN (Rona Pearl)	Bismuth Oxychloride
Biron NRN 2X CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron Silver CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron SP (Rona Pearl)	Bismuth Oxychloride
Biron UVS (Rona Pearl)	Bismuth Oxychloride
Biron 20 AQ (Rona Pearl)	Bismuth Oxychloride (and) Water
Biron 20 CO (Rona Pearl)	Bismuth Oxychloride (and) Castor Oil
Biron 20 MO (Rona Pearl)	Bismuth Oxychloride (and) Mineral Oil
Birthwort Extract	Serpentaria Extract
Bisabolol	Bisabolol
2,3,4,5-Bisbutylene Tetra-furfural	Dibutylene Tetra-furfural
Bis (2-Hydroxy-5-Chlorophenyl) Sulfide	2,2'-Thiobis (4-Chlorophenol)
<i>N,N</i> -Bis (2-Hydroxyethyl)-2-Amino-5-Nitrophenol	HC Yellow No. 4
Bis (2-Hydroxyethyl) Coco-amine Oxide	Dihydroxyethyl Cocamine Oxide
<i>N,N</i> -Bis (2-Hydroxyethyl) Coco Fatty Acid Amide	Cocamide DEA
<i>N,N</i> -Bis (2-Hydroxyethyl) Cocoyl Sarcosinamide	Cocoyl Sarcosinamide DEA

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

***N,N-Bis (2-Hydroxyethyl)  
Lanolin Acid Amide***

***Brown R-36 (Fusion) (Lowenstein)***

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
N,N-Bis (2-Hydroxyethyl) Lanolin Acid Amide	Lanolinamide DEA
N,N-Bis (2-Hydroxyethyl) Lauramide	Lauramide DEA
N,N-Bis (2-Hydroxyethyl) Linoleamide	Linoleamide DEA
N <sup>4</sup> ,N <sup>4</sup> -Bis (2-Hydroxyethyl)-N <sup>1</sup> -Methyl-2-Nitro-p-Phenylenediamine	HC Blue No. 1
N,N-Bis (2-Hydroxyethyl) Myristamide	Myristamide DEA
N,N-Bis (2-Hydroxyethyl) Oleamide	Oleamide DEA
N,N-Bis (2-Hydroxyethyl) Palmitamide	Palmitamide DEA
N,N-Bis (2-Hydroxyethyl) Palm Kernel Oil Acid Amide	Palm Kernelamide DEA
N,N-Bis (2-Hydroxyethyl) Palm Oil Acid Amide	Palmamide DEA
N,N-Bis (2-Hydroxyethyl)-p-Phenylenediamine Sulfate	N,N-Bis (2-Hydroxyethyl)-p-Phenylenediamine Sulfate
N,N-Bis (2-Hydroxyethyl) Ricinoleamide	Ricinoleamide DEA
N,N-Bis (2-Hydroxyethyl) Stearamide	Stearamide DEA
Bis (2-Hydroxyethyl) Stearamine Oxide	Dihydroxyethyl Stearamine Oxide
N,N-Bis (2-Hydroxyethyl) Tall Oil Acid Amide	Tallamide DEA
N,N-Bis (2-Hydroxyethyl) Tallow Acid Amide	Tallowamide DEA
Bis (2-Hydroxyethyl) Tallow Amine Oxide	Dihydroxyethyl Tallow Amine Oxide
N,N-Bis (2-Hydroxyethyl) Tetradecamide	Myristamide DEA
Bismarck Brown G Extra Conc (Sandoz)	Basic Brown 1
Bismarck Brown R Conc (Sandoz)	Basic Brown 4
Bis (1-Methyl Amyl) Sodium Sulfosuccinate	Dihexyl Sodium Sulfosuccinate
Bismuth Chloride Oxide	Bismuth Oxychloride
Bismuth Citrate	Bismuth Citrate
Bismuth Oxide	Bismuth Trioxide
Bismuth Oxychloride	Bismuth Oxychloride
Bismuth Subchloride	Bismuth Oxychloride
Bismuth Subgallate	Bismuth Subgallate
Bismuth Subnitrate	Bismuth Subnitrate
Bismuth Trioxide	Bismuth Trioxide
Bisphenol A (Dow)	4,4'-Isopropylidenediphenol
Bis (3,5,6-Trichloro-2-Hydroxyphenyl) Methane	Hexachlorophene
Bital (Rona Pearl)	Talc (and) Bismuth Oxychloride
Bitrex (Macfarlan Smith)	Denatonium Benzoate
Bitter Almond Oil	Bitter Almond Oil
Bitter Apple	Colocynth
Bitter Root	Gentian
Black Cohosh	Black Cohosh
Bladderwrack Extract	Bladderwrack Extract
Blanc Fixe	Barium Sulfate
Blandol White Mineral Oil (Witco)	Mineral Oil
Blend 104 (Union Carbide)	Quaternium-19
Blonde R-50 (Fusion) (Lowenstein)	Resorcinol (and) p-Phenylenediamine (and) 2-Nitro-p-Phenylenediamine (and) 4-Nitro-o-Phenylenediamine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Blonde 90 (Fusion) (Lowenstein)	Resorcinol (and) p-Phenylenediamine (and) 2-Nitro-p-Phenylenediamine
Blonde 90-D (Fusion) (Lowenstein)	Resorcinol (and) p-Phenylenediamine (and) m-Aminophenol (and) p-Aminophenol (and) 2-Nitro-p-Phenylenediamine (and) 4-Methoxy-m-Phenylenediamine (and) N-Phenyl-p-Phenylenediamine
*Bloodroot Extract	Sanguinaria Extract
Blue Cohosh	Blue Cohosh
*Blue No. 1 (Japan)	FD & C Blue No. 1 (or) Acid Blue 9 ■
*Blue No. 2 (Japan)	FD & C Blue No. 2 (or) Acid Blue 74 ■
*Blue No. 201 (Japan)	D & C Blue No. 6 (or) Vat Blue 1 ■
Blue No. 404 (Japan)	Pigment Blue 15
Bolus Alba	Kaolin
Borax	Sodium Borate
Borax Granular	Sodium Borate
Boric Acid	Boric Acid
2-Bornanone	Camphor
Brazil Wax	Carnauba
Bretol (Fine Organics)	Quaternium-17
Brij 30 (ICI United States)	Laureth-4
Brij 30 Special (ICI United States)	Laureth-4
Brij 35 (ICI United States)	Laureth-23
Brij 35SP (ICI United States)	Laureth-23
Brij 52 (ICI United States)	Ceteth-2
Brij 56 (ICI United States)	Ceteth-10
Brij 58 (ICI United States)	Ceteth-20
Brij 72 (ICI United States)	Steareth-2
Brij 76 (ICI United States)	Steareth-10
Brij 78 (ICI United States)	Steareth-20
Brij 92 (ICI United States)	Oleth-2
Brij 93 (ICI United States)	Oleth-2
Brij 96 (ICI United States)	Oleth-10
Brij 97 (ICI United States)	Oleth-10
Brij 98 (ICI United States)	Oleth-20
Brij 99 (ICI United States)	Oleth-20
Brilliant Red (Sun)	D & C Red No. 9 Barium Lake
Brilliant Red 3013 (Thomasset)	D & C Red No. 13 Strontium Lake
Brilliant Scarlet (Sun)	D & C Red No. 9 Barium Lake
*Britesil (Philadelphia Quartz)	Sodium Silicate
Britesorb 90 (Philadelphia Quartz)	Magnesium Silicate
Bromat (Fine Organics)	Cetrimonium Bromide
Bromo C14-032 (Sun)	D & C Red No. 21
2-Bromo-2-Nitropropane-1,3-Diol	2-Bromo-2-Nitropropane-1,3-Diol
Bronopol (Inolex)	2-Bromo-2-Nitropropane-1,3-Diol
Bronze Powder	Bronze Powder
Brown GE (Fusion) (Lowenstein)	p-Phenylenediamine (and) m-Aminophenol
*Brown No. 201 (Japan)	D & C Brown No. 1 (or) Acid Orange 24 ■
Brown R-36 (Fusion) (Lowenstein)	Resorcinol (and) p-Phenylenediamine (and) o-Aminophenol

**Brown 226 (Fusion) (Lowenstein)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Brown 226 (Fusion) (Lowenstein)	p-Phenylenediamine (and) Resorcinol (and) o-Amino- phenol (and) N-Phenyl-p- Phenylenediamine (and) 4-Methoxy-m-Phenylene- diamine
Brucine Sulfate	Brucine Sulfate
BTC 50 (Onyx) BTC 50 USP (Onyx) BTC 471 (Onyx) *BTC 824 (Onyx) BTC 1010 (Onyx) BTC 2125 (Onyx)	Benzalkonium Chloride Benzalkonium Chloride Quaternium-14 Myristalkonium Chloride Quaternium-12 Myristalkonium Chloride (and) Quaternium-14
*BTC 2125 M (Onyx)	Myristalkonium Chloride (and) Quaternium-14
Buckthorn Extract BUMYR (Robinson-Wagner) Burow's Solution Burtonite V7E (Burtonite)	Buckthorn Extract Butyl Myristate Aluminum Acetate Solution Guar Gum
Butamben n-Butane 1,3-Butanediol *n-Butanol *1-Butanol 2-Butanone	Butyl PABA Butane Butylene Glycol n-Butyl Alcohol n-Butyl Alcohol MEK
Butcherbroom Extract Cis-Butenedioic Acid Butesin (Abbott) Butoxydiglycol 2-Butoxyethanol	Butcherbroom Extract Maleic Acid Butyl PABA Butoxydiglycol Butoxyethanol
Butter Butvar (Monsanto) Butyl Acetate Butyl Acetyl Ricinoleate n-Butyl Alcohol	Butter Polyvinyl Butyral Butyl Acetate Butyl Acetyl Ricinoleate n-Butyl Alcohol
t-Butyl Alcohol Butyl 4-Aminobenzoate Butylated Hydroxyanisole Butylated Hydroxytoluene Butylated Urea-Formaldehyde Resin Butyl Benzyl Phthalate	t-Butyl Alcohol Butyl PABA BHA BHT Butylated Urea-Formaldehyde Resin Butyl Benzyl Phthalate
Butyl Carbitol (Union Carbide) Butyl Cellosolve (Union Carbide) 1,3-Butylene Glycol Butyl Ester of Ethylene/ Maleic Anhydride Copolymer Butyl Ester of PVM/MA Copolymer	Butoxydiglycol Butoxyethanol Butylene Glycol Butyl Ester of Ethylene/ Maleic Anhydride Copolymer Butyl Ester of PVM/MA Copolymer
t-Butyl Hydroquinone Butyl p-Hydroxybenzoate Butyl Methacrylate Butyl Myristate n-Butyl Octadecanoate	t-Butyl Hydroquinone Butylparaben Butyl Methacrylate Butyl Myristate Butyl Stearate
Butyl Oleate Butyl PABA Butylparaben	Butyl Oleate Butyl PABA Butylparaben

**C-33-8009 Cosmetic Yellow Transox (Sun)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Butyl Parahydroxybenzoate Butyl Parasept (Tenneco) Butyl Phthalyl Butyl Glycolate Butyl Stearate	Butylparaben Butylparaben Butyl Phthalyl Butyl Glycolate Butyl Stearate
Butyl Tegosept (Inolex) Butyrolactone B Wax (International Wax)	Butylparaben Butyrolactone Beeswax
— C —	
C8-8000-10 Rayon Fiber (Claremont)	Rayon
C10-007 Toning Red D (Sun)	D & C Red No. 11 Calcium Lake
C10-13 Isoparaffin C10-8000-10 Rayon Fiber (Claremont)	C10-13 Isoparaffin Rayon
C11-13 Isoparaffin C12-13 Alcohols C12-14 Isoparaffin	C11-13 Isoparaffin C12-13 Alcohols C12-14 Isoparaffin
C12-15 Alcohols C12-15 Alcohols Lactate C12-16 Alcohols C13-16 Isoparaffin C14-032 Bromo (Sun)	C12-15 Alcohols C12-15 Alcohols Lactate C12-16 Alcohols C13-16 Isoparaffin D & C Red No. 21
C14-033 Dibromo (Sun) C15-18 Glycol C15-8000-10 Rayon Fiber (Claremont)	D & C Orange No. 5 C15-18 Glycol Rayon
C19-003 Rubine Lake (Sun)	D & C Red No. 7 Calcium Lake
C19-011 Rubine Lake (Sun)	D & C Red. No. 7 Calcium Lake
C19-021 Rubine Lake (Sun)	D & C Red No. 7 Calcium Lake
C21-002 Rhodamine (Sun) C24-012 Rangoon Maroon (Sun) C33-107 Cosmetic Tan (Sun) C33-115 Cosmetic Brown (Sun) C33-120 Cosmetic Oxide M (Sun)	D & C Red No. 19 D & C Red No. 34 Calcium Lake Iron Oxides (and) Talc Iron Oxides Iron Oxides (and) Talc
C33-123 Cosmetic Oxide M (Sun) C33-128 Cosmetic Russet (Sun) C33-130 Cosmetic Tan (Sun) C33-134 Cosmetic Black (Sun) C33-2527 Cosmetic Russet (Sun)	Iron Oxides Iron Oxides Iron Oxides (and) Talc Iron Oxides Iron Oxides
C33-3073 Cosmetic Yellow (Sun) C33-3074 Cosmetic Russet (Sun) C33-3115 Cosmetic Brown (Sun) C33-3128 Cosmetic Russet (Sun) C33-3130 Cosmetic Tan (Sun)	Iron Oxides Iron Oxides Iron Oxides Iron Oxides Iron Oxides (and) Talc
C33-3134 Cosmetic Black (Sun) C33-3175 Cosmetic Russet (Sun) C33-8009 Cosmetic Yellow Transox (Sun)	Iron Oxides Iron Oxides Iron Oxides

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## C33-8073 Cosmetic Yellow (Sun)

## CAO-3 (Ashland)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
C33-8073 Cosmetic Yellow (Sun)	Iron Oxides
C33-8074 Cosmetic Russet (Sun)	Iron Oxides
C33-8075 Cosmetic Russet (Sun)	Iron Oxides
C33-8278 Cosmetic Red Transox (Sun)	Iron Oxides
C37-038 Permanent Pink (Sun)	D & C Red No. 30 Lake
C38-002 Cosmetic Ferric Blue (Sun)	Ferric Ferrocyanide
C43-001 Mango Violet (Sun)	Manganese Violet
C43-1810 Cosmetic Blue (Sun)	Ultramarine Blue
C43-3001 Mango Violet (Sun)	Manganese Violet
C43-3810 Cosmetic Blue (Sun)	Ultramarine Blue
C47-4547 Cosmetic Black (Sun)	Graphite
C47-5175 Cosmetic White (Sun)	Titanium Dioxide
C47-9623 Cosmetic White (Sun)	Titanium Dioxide
C61-1245 Cosmetic Green (Sun)	Chromium Oxide Greens
C61-3245 Cosmetic Green (Sun)	Chromium Oxide Greens
C61-6735 Cosmetic Green (Sun)	Chromium Hydroxide Green
C76-001 Permanent Orange (Sun)	D & C Orange No. 17 Lake
C-108 (Procter & Gamble)	Coconut Acid
C-110 (Procter & Gamble)	Coconut Acid
C-1297 (Procter & Gamble)	Lauric Acid
C-1624 Cosmetic Ochre (Kohnstamm)	Talc (and) Iron Oxides
C-1654 Cosmetic Brown R (Kohnstamm)	Iron Oxides
C-1769 Cosmetic Iron Blue (Kohnstamm)	Ferric Ferrocyanide
Cab-O-Grip II (Cabot)	Silica
Cab-O-Sil HS-5 (Cabot)	Silica
Cab-O-Sil M-5 (Cabot)	Silica
Cab-O-Sil MS-7 (Cabot)	Silica
Cacao Butter	Cocoa Butter
Cachalot C-50 (Michel)	Cetyl Alcohol
Cachalot C-51 (Michel)	Cetyl Alcohol
Cachalot C-52 (Michel)	Cetyl Alcohol
Cachalot D-5 (Michel)	Decyl Alcohol
Cachalot L-50 (Michel)	Lauryl Alcohol
Cachalot L-90 (Michel)	Lauryl Alcohol
Cachalot M-43 (Michel)	Myristyl Alcohol
Cachalot O-3 (Michel)	Oleyl Alcohol
Cachalot O-8 (Michel)	Oleyl Alcohol
Cachalot O-15 (Michel)	Oleyl Alcohol
Cachalot S-53 (Michel)	Stearyl Alcohol
Cachalot S-54 (Michel)	Stearyl Alcohol
Cachalot S-56 (Michel)	Stearyl Alcohol
Cade Oil	Juniper Tar
*CADG	Cocamidopropyl Betaine
Cajeputol	Eucalyptol
Calamide C (Pilot)	Cocamide DEA
Calamide O (Pilot)	Oleamide DEA

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Calamine	Calamine
Calcium Acetate	Calcium Acetate
Calcium Alginate	Calcium Alginate
Calcium Benzoate	Calcium Benzoate
Calcium Carbonate	Calcium Carbonate
*Calcium Carbonate, Precipitated	Calcium Carbonate
Calcium Carbonate, Stearated	Calcium Carbonate (and) Stearic Acid
Calcium Carrageenan	Calcium Carrageenan
Calcium Chloride	Calcium Chloride
Calcium Diphosphate	Calcium Pyrophosphate
Calcium Hydrate	Calcium Hydroxide
Calcium Hydroxide	Calcium Hydroxide
Calcium Lignosulfonate	Calcium Lignosulfonate
Calcium Monohydrogen Phosphate Anhydrous	Dicalcium Phosphate
Calcium Monohydrogen Phosphate Dihydrate	Dicalcium Phosphate Dihydrate
Calcium Orthophosphate	Tricalcium Phosphate
Calcium Oxide	Calcium Oxide
Calcium Pantothenate	Calcium Pantothenate
Calcium Phosphate Dibasic Anhydrous	Dicalcium Phosphate
Calcium Phosphate Dibasic Dihydrate	Dicalcium Phosphate Dihydrate
Calcium Phosphate, Monobasic	Calcium Phosphate
Calcium Phosphate, Tribasic	Tricalcium Phosphate
Calcium Pyrophosphate	Calcium Pyrophosphate
Calcium Saccharate	Saccharated Lime
Calcium Saccharin	Calcium Saccharin
Calcium Silicate	Calcium Silicate
Calcium Stearate	Calcium Stearate
Calcium Stearoyl Lactylate	Calcium Stearoyl Lactylate
Calcium Stearoyl-2-Lactylate	Calcium Stearoyl Lactylate
Calcium Sulfate	Calcium Sulfate
Calcium Thioglycolate	Calcium Thioglycolate
Calendula	Calendula
*Calendula Extract	Calendula Extract
Calendula Oil	Calendula Oil
Calfoam ES-30 (Pilot)	Sodium Laureth Sulfate
Calgon (Merck)	Sodium Hexametaphosphate
Calsoft F-90 (Pilot)	Sodium Dodecylbenzenesulfonate
Calsoft L-40 (Pilot)	Sodium Dodecylbenzenesulfonate
Calsoft L-60 (Pilot)	Sodium Dodecylbenzenesulfonate
Calsoft T-60 (Pilot)	TEA-Dodecylbenzenesulfonate
Calsuds CD-6 (Pilot)	Cocamide DEA (and) DEA-Dodecylbenzenesulfonate
Camel-Wite (Campbell)	Calcium Carbonate
Camellia Oil	Camellia Oil
Camomille Extract	Chamomile Extract (or) Matricaria Extract
Camomille Oil	Chamomile Oil (or) Matricaria Oil
Camomille Oil, English	Chamomile Oil
Camphor	Camphor
Canadian Balsam	Balsam Canada
Candelilla Wax	Candelilla Wax
CAO-3 (Ashland)	BHT

Capmul O (Capital City)

Carsonol SLES (Carson)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Capmul O (Capital City)	Sorbitan Oleate
Capmul POE-O (Capital City)	Polysorbate 80
Capmul POE-S (Capital City)	Polysorbate 60
Capmul S (Capital City)	Sorbitan Stearate
Capramide DEA	Capramide DEA
Capric Acid	Capric Acid
Capric Acid Diethanolamide	Capramide DEA
Capric Amine Oxide	Decylamine Oxide
Capric Dimethyl Amine Oxide	Decylamine Oxide
Caprol 3GO (Capital City)	Polyglyceryl-3 Oleate
Caprol 3GS (Capital City)	Polyglyceryl-3 Stearate
Caprol 6G20 (Capital City)	Polyglyceryl-6 Dioleate
Caprol 6G2S (Capital City)	Polyglyceryl-6 Distearate
Caprol 10G40 (Capital City)	Polyglyceryl-10 Tetraoleate
Caprylic Acid	Caprylic Acid
Caprylic Alcohol	Caprylic Alcohol
Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride
Caprylic/Capric/Lauric Triglyceride	Caprylic/Capric/Lauric Triglyceride
Caprylic/Capric/Stearic Triglyceride	Caprylic/Capric/Stearic Triglyceride
Capsicum	Capsicum
Capsicum Extract	Capsicum Extract
Capsicum Oleoresin	Capsicum Oleoresin
Captan	Captan
Captex 200 (Capital City)	Propylene Glycol Dicaprylate/Dicaprate
Captex 300 (Capital City)	Caprylic/Capric Triglyceride
Captex 350 (Capital City)	Caprylic/Capric/Lauric Triglyceride
Caramel	Caramel
Carastay (Stauffer)	Carrageenan
Caraway Oil	Caraway Oil
Carbamide	Urea
Carbitol (Union Carbide)	Ethoxydiglycol
Carbitol Acetate (Union Carbide)	Ethoxydiglycol Acetate
Carbolic Acid	Phenol
Carbomer-934	Carbomer-934
Carbomer-934P	Carbomer-934P
Carbomer-940	Carbomer-940
Carbomer-941	Carbomer-941
Carbomer-960	Carbomer-960
Carbomer-961	Carbomer-961
Carbon	Carbon
Carbon Dioxide	Carbon Dioxide
Carbopol 934 (Goodrich)	Carbomer-934
Carbopol 934P (Goodrich)	Carbomer-934P
Carbopol 940 (Goodrich)	Carbomer-940
Carbopol 941 (Goodrich)	Carbomer-941
Carbopol 960 (Goodrich)	Carbomer-960
Carbopol 961 (Goodrich)	Carbomer-961
Carbose (BASF-Wyandotte)	Cellulose Gum
Carboset 514 (Goodrich)	Acrylic/Acrylate Copolymer
Carboset 515 (Goodrich)	Acrylic/Acrylate Copolymer
Carboset 525 (Goodrich)	Acrylic/Acrylate Copolymer

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Carbowax 20M (Union Carbide)	PEG-350
Carbowax 200 (Union Carbide)	PEG-4
Carbowax 300 (Union Carbide)	PEG-6
Carbowax 350 (Union Carbide)	PEG-6 Methyl Ether
Carbowax 400 (Union Carbide)	PEG-8
Carbowax 600 (Union Carbide)	PEG-12
Carbowax 1000 (Union Carbide)	PEG-20
Carbowax 1500 (Union Carbide)	PEG-6-32
Carbowax 1540 (Union Carbide)	PEG-32
Carbowax 4000 (Union Carbide)	PEG-75
Carbowax 6000 (Union Carbide)	PEG-150
Carboxymethyl Cellulose	Cellulose Gum
Carboxymethyl Hydroxyethylcellulose	Carboxymethyl Hydroxyethylcellulose
Carboxyvinylpolymer	(See <i>Carbomer</i> )
Cardamom Oil	Cardamom Oil
Carmine	Carmine
Carminic Acid	Carmine
Carnation Instant Non-Fat Dry Milk	Nonfat Dry Milk
*Carnation Red 2523 (Thomasset)	D & C Red No. 9
Carnation White Mineral Oil (Witco)	Zirconium Lake Mineral Oil
Carnauba	Carnauba
Carnauba Wax	Carnauba
Carnauba Wax #1 (Strahl & Pitsch)	Carnauba
Carob Bean Gum	Locust Bean Gum
Carob Flour	Locust Bean Gum
$\beta$ -Carotene	Carotene
Carrageenan	Carrageenan
Carrot Juice	Carrot Juice
Carsamide C-3 (Carson)	Cocamide DEA
Carsamide C-7644 (Carson)	Cocamide DEA
Carsamide C-7649 (Carson)	Cocamide DEA
Carsamide C-7944 (Carson)	Cocamide DEA
Carsamide CA (Carson)	Cocamide DEA
Carsamide SAC (Carson)	Cocamide DEA
Carsamide SAL-7 (Carson)	Lauramide DEA
Carsamide SAL-9 (Carson)	Lauramide DEA
Carsamide SAL-82 (Carson)	Lauramide DEA
Carsamide T (Carson)	Tallamide DEA
Carsonam 3 (Carson)	Cocamidopropyl Betaine
Carsonam 33S (Carson)	Cocamidopropyl Betaine
Carsonam 3147 (Carson)	Cocamidopropyl Betaine
Carsonol ALS (Carson)	Ammonium Lauryl Sulfate
Carsonol ALS Special (Carson)	Ammonium Lauryl Sulfate
Carsonol DLS (Carson)	DEA-Lauryl Sulfate
Carsonol ILS (Carson)	Mixed Isopropanolamines Lauryl Sulfate
Carsonol MLS (Carson)	Magnesium Lauryl Sulfate
Carsonol SES-A (Carson)	Ammonium Laureth Sulfate
Carsonol SES-S (Carson)	Sodium Laureth Sulfate
Carsonol SLES (Carson)	Sodium Laureth Sulfate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Carsonol SLES-2 (Carson)**

**Centrolene (Central Soya)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Carsonol SLES-2 (Carson)	Sodium Laureth Sulfate
Carsonol SLS (Carson)	Sodium Lauryl Sulfate
Carsonol SLS Paste B (Carson)	Sodium Lauryl Sulfate
Carsonol SLS Special (Carson)	Sodium Lauryl Sulfate
Carsonol TLS (Carson)	TEA-Lauryl Sulfate
Carsonon D-5 (Carson)	Isodeceth-5
Carsonon L-2 (Carson)	Laureth-2
Carsonon L-3 (Carson)	Laureth-3
Carsonon L-5 (Carson)	Laureth-5
Carsonon L-9 (Carson)	Laureth-9
Carsonon L-12 (Carson)	Laureth-12
Carsonon L-985 (Carson)	Laureth-9
Carsonon N-2 (Carson)	Nonoxynol-2
Carsonon N-4 (Carson)	Nonoxynol-4
Carsonon N-6 (Carson)	Nonoxynol-6
Carsonon N-8 (Carson)	Nonoxynol-8
Carsonon N-9 (Carson)	Nonoxynol-9
Carsonon N-10 (Carson)	Nonoxynol-10
Carsonon N-11 (Carson)	Nonoxynol-11
Carsonon N-12 (Carson)	Nonoxynol-12
Carsonon N-30 (Carson)	Nonoxynol-30
Carsonon N-100 (Carson)	Nonoxynol-100
Carsonon N-2088 (Carson)	Nonoxynol-8
Carsonon PEG-200 (Carson)	PEG-4
Carsonon PEG-300 (Carson)	PEG-6
Carsonon PEG-400 (Carson)	PEG-8
Carsonon PEG-600 (Carson)	PEG-12
Carsonon PEG-1000 (Carson)	PEG-20
Carsonon PEG-1500 (Carson)	PEG-6-32
Carsonon PEG-1540 (Carson)	PEG-32
Carsonon PEG-4000 (Carson)	PEG-75
Carsonon PEG-6000 (Carson)	PEG-150
Carsonon TD-11 (Carson)	Trideceth-11
Carsoquat SDQ-25 (Carson)	Stearalkonium Chloride
Carsoquat SDQ-85 (Carson)	Stearalkonium Chloride
Carsoft S-75 (Carson)	Quaternium-27
Carsoft S-90 (Carson)	Quaternium-27
Carsosulf SXS (Carson)	Sodium Xylene Sulfonate
Carsosulf T-60-L (Carson)	TEA-Dodecylbenzenesulfonate
Carsosulf UL-100 (Carson)	Dodecylbenzene Sulfonic Acid
Cartaretin F-4 (Sandoz)	Adipic Acid/Dimethylaminohydroxypropyl Diethylenetriamine Copolymer
Cartaretin F-8 (Sandoz)	Adipic Acid/Dimethylaminohydroxypropyl Diethylenetriamine Copolymer
Carvol	Carvone
Carvone	Carvone
Cascoloid ST-62 (Borden)	Milk Protein
Casein	Milk Protein
Cassia Oil	Cinnamon Oil
Castorcet (Lanaetex)	Octyl Hydroxystearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Castor Oil	Castor Oil
Castor Oil Acid, Methyl Ester	Methyl Ricinoleate
Castor Oil, Hydrogenated	Hydrogenated Castor Oil
Castor Oil, Sulfated	Sulfated Castor Oil
Castorwax (NL Industries)	Hydrogenated Castor Oil
Catechol	Pyrocatechol
Catrex (National Starch)	Aminoethylacrylate Phosphate/Acrylate Copolymer
Caulophyllum	Blue Cohosh
Caustic Potash	Potassium Hydroxide
Caustic Soda	Sodium Hydroxide
Cayenne Pepper	Capsicum
C-Blau 16 (Germany)	Ultramarine Blue
C-Blau 17 (Germany)	Ferric Ferrocyanide
C-Blau 18 (Germany)	Vat Blue 4
*C-Blau 19 (Germany)	FD & C Blue No 2 (or) Acid Blue 74 ■
C-Blau 20 (Germany)	Acid Blue 3
CDTA	Cyclohexanediamine Tetraacetic Acid
CE-1270 (Procter & Gamble)	Methyl Laurate
CE-1280 (Procter & Gamble)	Methyl Laurate
CE-1290 (Procter & Gamble)	Methyl Laurate
CE-1295 (Procter & Gamble)	Methyl Laurate
CE-1495 (Procter & Gamble)	Methyl Myristate
*Celanol A.S.-L (Lanaetex)	Isostearyl Alcohol (and) Lanolin Alcohol
Celite 281 (Johns-Manville)	Diatomaceous Earth
Celite 501 (Johns-Manville)	Diatomaceous Earth
Celite 503 (Johns-Manville)	Diatomaceous Earth
Celite 512 (Johns-Manville)	Diatomaceous Earth
Celite 521 AW (Johns-Manville)	Diatomaceous Earth
Celite 545 (Johns-Manville)	Diatomaceous Earth
Celite 550 (Johns-Manville)	Diatomaceous Earth
Celite 560 (Johns-Manville)	Diatomaceous Earth
Celite 577 (Johns-Manville)	Diatomaceous Earth
Celkate T-21 (Johns-Manville)	Magnesium Silicate
Celliton Blue BB Supra (GAF)	Disperse Blue 1
Celliton Blue GA EX (GAF)	Disperse Blue 1
Celliton Red GGA EX Conc (GAF)	Disperse Red 17
Celliton Violet 6BA (GAF)	Disperse Violet 4
Celliton Yellow RRA (GAF)	Disperse Yellow 1
Cellolyn 102 (Hercules)	Pentaerythritol Rosinate
Cellosize QP (Union Carbide)	Hydroxyethylcellulose
Cellosize WP (Union Carbide)	Hydroxyethylcellulose
Cellosolve (Union Carbide)	Ethoxyethanol
Cellosolve Acetate (Union Carbide)	Ethoxyethanol Acetate
Cellulose	Cellulose
Cellulose, Microcrystalline	Cellulose
Cellulose Ethyl Ether	Ethylcellulose
Cellulose Gum	Cellulose Gum
Cellulose Methyl Ether	Methylcellulose
Cellulose Regenerated	Rayon
Centex (Central Soya)	Soy Flour
Centrol (Central Soya)	Lecithin
Centrolene (Central Soya)	Lecithin



CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Centrolex (Central Soya)	Lecithin	Cetareth-10	Cetareth-10
Centrophil (Central Soya)	Lecithin	Cetareth-12	Cetareth-12
Century CD Fatty Acid (Union Camp)	Oleic Acid	Cetareth-15	Cetareth-15
Century 1105 (Union Camp)	Isostearic Acid	Cetareth-17	Cetareth-17
Century 1240 (Union Camp)	Stearic Acid	Cetareth-20	Cetareth-20
Ceralan (Robinson-Wagner)	Lanolin Alcohol	Cetareth-27	Cetareth-27
Ceraphyl IPL (Van Dyk)	Isopropyl Linoleate	Cetareth-30	Cetareth-30
Ceraphyl 28 (Van Dyk)	Cetyl Lactate	Cetearyl Alcohol	Cetearyl Alcohol
Ceraphyl 31 (Van Dyk)	Lauryl Lactate	Cetearyl Octanoate	Cetearyl Octanoate
Ceraphyl 41 (Van Dyk)	C12-15 Alcohols Lactate	Cetearyl Palmitate	Cetearyl Palmitate
		Ceteth-1	Ceteth-1
Ceraphyl 50 (Van Dyk)	Myristyl Lactate	Ceteth-2	Ceteth-2
Ceraphyl 60 (Van Dyk)	Quaternium-22	Ceteth-4	Ceteth-4
Ceraphyl 65 (Van Dyk)	Quaternium-26	Ceteth-6	Ceteth-6
Ceraphyl 65E (Van Dyk)	Quaternium-35	Ceteth-10	Ceteth-10
Ceraphyl 140 (Van Dyk)	Decyl Oleate	Ceteth-16	Ceteth-16
Ceraphyl 140A (Van Dyk)	Isodecyl Oleate	Ceteth-20	Ceteth-20
Ceraphyl 140-T (Van Dyk)	Decyl Oleate	Ceteth-25	Ceteth-25
Ceraphyl 225 (Van Dyk)	Isodecyl Neopentanoate	Ceteth-30	Ceteth-30
Ceraphyl 230 (Van Dyk)	Diisopropyl Adipate	Cetina (Robeco)	Synthetic Spermacti (and) Stearamide DEA
Ceraphyl 286 (Van Dyk)	Myristyl Neopentanoate	Cetiol A (Henkel)	Hexyl Laurate
Ceraphyl 368 (Van Dyk)	Octyl Palmitate	Cetiol HE (Henkel)	PEG-7 Glyceryl Cocoate
Ceraphyl 375 (Van Dyk)	Isostearyl Neopentanoate	Cetiol V (Henkel)	Decyl Oleate
Ceraphyl 424 (Van Dyk)	Myristyl Myristate	Cetol (Fine Organics)	Cetalkonium Chloride
Cerasynt D (Van Dyk)	Stearamide MEA-Stearate	Cetomacrogol 1000	Ceteth-20
Cerasynt IP (Van Dyk)	Glycol Stearate (and) and Other Ingredients	Cetostearyl Alcohol	Cetearyl Alcohol
Cerasynt M (Van Dyk)	Glycol Stearate	Cetrimide (Fine Organics)	Cetrimonium Bromide
*Cerasynt MN (Van Dyk)	Glycol Stearate SE	Cetrimonium Bromide	Cetrimonium Bromide
Cerasynt P (Van Dyk)	Propylene Glycol Stearate	Cetrimonium Chloride	Cetrimonium Chloride
Cerasynt PA (Van Dyk)	Propylene Glycol Stearate	Cetrimonium Tosylate	Cetrimonium Tosylate
*Cerasynt PN (Van Dyk)	Propylene Glycol Stearate SE	Cetyl Acetate	Cetyl Acetate
Cerasynt Q (Van Dyk)	Glyceryl Stearate SE	Cetyl Alcohol	Cetyl Alcohol
Cerasynt SD (Van Dyk)	Glyceryl Stearate	Cetyl Arachidate	Cetyl Arachidate
Cerasynt SE (Van Dyk)	Glyceryl Stearate SE	Cetyl Betaine	Cetyl Betaine
Cerasynt Special (Van Dyk)	PEG-2 Stearate	Cetyl Dimethyl Amine Oxide	Cetamine Oxide
*Cerasynt WM (Van Dyk)	Glyceryl Stearate (and) Stearyl Alcohol (and) Sodium Lauryl Sulfate	Cetyl Dimethyl Benzyl Ammonium Chloride	Cetalkonium Chloride
*Cerasynt 54 S.E. (Van Dyk)	PEG-2 Stearate SE	Cetyl Dimethyl Ethyl Ammonium Bromide	Quaternium-17
Cerasynt 303 (Van Dyk)	Diethylaminoethyl Stearate	Cetyl Dimethyl Hydroxyethyl Ammonium Chloride	Quaternium-44
Cerasynt 616 (Van Dyk)	PEG-6 Stearate	Cetyl 2-Ethylhexanoate	Cetyl Octanoate
Cerasynt 660 (Van Dyk)	PEG-8 Stearate	Cetyl Ethyl Morpholinium Ethosulfate	Quaternium-25
Cerasynt 840 (Van Dyk)	PEG-20 Stearate	Cetyl Lactate	Cetyl Lactate
*Cerasynt 945 (Van Dyk)	Glyceryl Stearate (and) Laureth-23	Cetyl Myristate	Cetyl Myristate
Cerasynt 1000-D (Van Dyk)	Glyceryl Stearate	Cetyl Octanoate	Cetyl Octanoate
Ceratonia	Locust Bean Gum	Cetyl Palmitate	Cetyl Palmitate
Ceresin	Ceresin	Cetylpyridinium Chloride	Cetylpyridinium Chloride
Ceresin Wax (International Wax)	Ceresin	Cetyl Stearate	Cetyl Stearate
Ceresine AMP 71 (Will & Baumer Candle)	Ceresin	Cetyl/Stearyl Alcohol	Cetearyl Alcohol
CETAB	Cetrimonium Bromide	Cetyl/Stearyl 2-Ethylhexanoate	Cetearyl Octanoate
Cetaceum (Will & Baumer Candle)	Spermacti	*Cetyl Stearyl Vicinal Glycol	C15-18 Glycol
Cetal (Robinson-Wagner)	Cetyl Alcohol	Cetyl Trimethyl Ammonium Bromide	Cetrimonium Bromide
Cetalkonium Chloride	Cetalkonium Chloride	Cetyl Trimethyl Ammonium Chloride	Cetrimonium Chloride
Cetamine Oxide	Cetamine Oxide	Cetyl Trimethyl Ammonium p-Toluene Sulfonate	Cetrimonium Tosylate
Cetats (Fine Organics)	Cetrimonium Tosylate	C-Ext. Blau 10 (Germany)	Pigment Blue 15
Cetareth-3	Cetareth-3	*C-Ext. Blau 26 (Germany)	FD & C Blue No. 1 (or) Acid Blue 9 ■
Cetareth-4	Cetareth-4	C-Ext. Braun 4 (Germany)	D & C Brown No. 1 (or) Acid Orange 24 ■
Cetareth-5	Cetareth-5		
Cetareth-6	Cetareth-6		
Cetareth-8	Cetareth-8		

**C-Ext. Gelb 1 (Germany)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
C-Ext. Gelb 1 (Germany)	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■
*C-Ext. Gelb 10 (Germany)	Ext. D & C Yellow No. 1 (or) Acid Yellow 36 ■
*C-Ext. Gelb 11 (Germany)	Acid Yellow 11
C-Ext. Gelb 16 (Germany)	D & C Yellow No. 7 (or) Acid Yellow 73 ■
*C-Ext. Gelb 23 (Germany)	D & C Yellow No. 11 (or) Solvent Yellow 33 ■
C-Ext. Grun 5 (Germany)	Pigment Green 7
C-Ext. Grun 6 (Germany)	Ext. D & C Green No. 1 (or) Acid Green 1 ■
*C-Ext. Orange 8 (Germany)	D & C Orange No. 4 (or) Acid Orange 7 ■
*C-Ext. Rot 27 (Germany)	D & C Red No. 19 (or) Basic Violet 10 ■
*C-Ext. Rot 37 (Germany)	FD & C Red No. 4 (or) Food Red 1 ■
*C-Ext. Violett 18 (Germany)	D & C Violet No. 2 (or) Solvent Violet 13 ■
*C-Gelb 10 (Germany)	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
C-Gelb 11 (Germany)	D & C Yellow No. 10 (or) Acid Yellow 3 ■
C-Grun 7 (Germany)	Chlorophyllin-Copper Complex
C-Grun 9 (Germany)	Chromium Oxide Greens
*C-Grun 10 (Germany)	D & C Green No. 6 (or) Solvent Green 3 ■
*C-Grun 11 (Germany)	D & C Green No. 5 (or) Acid Green 25 ■
Chalk	Chalk
Chamomile Extract	Chamomile Extract (or) Matricaria Extract
Chamomile Extract, English	Chamomile Extract
Chamomile Extract, German	Matricaria Extract
Chamomile Oil	Chamomile Oil (or) Matricaria Oil
*Chamomile Oil, English	Chamomile Oil
Chamomile Oil, German	Matricaria Oil
Chamomile Oil, Hungarian	Matricaria Oil
Chamomile Oil, Roman	Chamomile Oil
Chamomile Oil, Wild	Matricaria Oil
Chaulmoogra Oil	Chaulmoogra Oil
*Cheelox B-13 (GAF)	Tetrasodium EDTA (and) Trisodium HEDTA
Cheelox BF Acid (GAF)	EDTA
Cheelox BF-12 (GAF)	Tetrasodium EDTA
Cheelox BF-13 (GAF)	Tetrasodium EDTA
Cheelox BF-78 (GAF)	Tetrasodium EDTA
Cheelox HE-24 (GAF)	Trisodium HEDTA
Chel CD (Ciba-Geigy)	Cyclohexanediamine Tetraacetic Acid
Chel DM Acid (Ciba-Geigy)	HEDTA
Chel DM-41 (Ciba-Geigy)	Trisodium HEDTA
Chel DTPA (Ciba-Geigy)	Pentetic Acid
Chelon 100 (Stauffer)	Tetrasodium EDTA
Chel 242 PN (Ciba-Geigy)	TEA-Hydrochloride (and) Disodium EDTA
Chemactant SF 225 (Amerchol)	Lanolin Alcohol (and) Mineral Oil
Chemadene NA-30 (Richardson)	Cocamidopropyl Betaine
Chemester 200-DPS (Chemical Products)	PEG-4 Stearate

**Chempon 42 (Chemical Products)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Chemester 200-ML (Chemical Products)	PEG-4 Laurate
Chemester 200-OC (Chemical Products)	PEG-4 Oleate
Chemester 200-T (Chemical Products)	PEG-4 Tallate
Chemester 300-OC (Chemical Products)	PEG-6 Oleate
Chemester 400-DPS (Chemical Products)	PEG-8 Stearate
Chemester 400-ML (Chemical Products)	PEG-8 Laurate
Chemester 400-OC (Chemical Products)	PEG-8 Oleate
Chemester 400-T (Chemical Products)	PEG-8 Tallate
Chemester 600-OC (Chemical Products)	PEG-12 Oleate
Chemester 1000-DPS (Chemical Products)	PEG-20 Stearate
Chemester 1000-OC (Chemical Products)	PEG-20 Oleate
Chemester 1000-T (Chemical Products)	PEG-20 Tallate
Chemester 1540-DPS (Chemical Products)	PEG-32 Stearate
Chemester 4000-DPS (Chemical Products)	PEG-75 Stearate
Chemical Base 6532 (Sandoz)	Stearamidoethyl Diethylamine
Chemical 39 Base (Sandoz)	Stearamidoethyl Ethanolamine
Chemox C-2 (Chemical Products)	PEG-2 Cocamine
Chemox C-5 (Chemical Products)	PEG-5 Cocamine
Chemox C-10 (Chemical Products)	PEG-10 Cocamine
Chemox C-15 (Chemical Products)	PEG-15 Cocamine
Chemox HTA-2 (Chemical Products)	PEG-2 Stearamine
Chemox HTA-15 (Chemical Products)	PEG-15 Stearamine
Chemox HTA-50 (Chemical Products)	PEG-50 Stearamine
Chemox O-5 (Chemical Products)	PEG-5 Oleamine
Chemox O-15 (Chemical Products)	PEG-15 Oleamine
Chemox S-2 (Chemical Products)	PEG-2 Soyamine
Chemox S-5 (Chemical Products)	PEG-5 Soyamine
Chemox S-10 (Chemical Products)	PEG-10 Soyamine
Chemox S-15 (Chemical Products)	PEG-15 Soyamine
Chemox T-2 (Chemical Products)	PEG-2 Tallow Amine
Chemox T-5 (Chemical Products)	PEG-5 Tallow Amine
Chemox T-15 (Chemical Products)	PEG-15 Tallow Amine
Chemox T-40 (Chemical Products)	PEG-40 Tallow Amine
Chemox T-50 (Chemical Products)	PEG-50 Tallow Amine
Chempon 33 (Chemical Products)	Sodium Methyl Oleoyl Taurate
Chempon 42 (Chemical Products)	Sodium Methyl Cocoyl Taurate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Chempro 41 CG (Chemical Products)	Hydrolyzed Animal Protein	Chromium Hydroxide Green	Chromium Hydroxide Green
Chempro 44 CG (Chemical Products)	Hydrolyzed Animal Protein	Chromium Oxide Greens	Chromium Oxide Greens
Chempro 100 X (Chemical Products)	Hydrolyzed Animal Protein	Chrysoidine	Basic Orange 2
Cherry Kernel Oil	Cherry Pit Oil	Chrysoidine R	Basic Orange 1
Cherry Pit Oil	Cherry Pit Oil	Chrysoidine Y Extra Conc (Sandoz)	Basic Orange 2
China Clay	Kaolin	Chrysophenine G (Sandoz)	Direct Yellow 12
*Chloracel (Reheis)	Sodium Aluminum Chlorohydroxy Lactate	*CI 10020	Ext. D & C Green No. 1 (or) Acid Green 1 ■
Chloramine Fast Scarlet 4B (Sandoz)	Direct Red 23	*CI 10316	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■
Chloramine-T	Chloramine-T	CI 10345	Disperse Yellow 1
Chlorbutol	Chlorobutanol	CI 10385	Acid Orange 3
Chlorhexidine	Chlorhexidine	CI 11110	Disperse Red 1
Chlorhexidine Digluconate	Chlorhexidine Digluconate	CI 11210	Disperse Red 17
Chlorhydrol 50% Soln (Reheis)	Aluminum Chlorohydrate	CI 11270	Basic Orange 2
Chlorhydrol, Granular (Reheis)	Aluminum Chlorohydrate	CI 11320	Basic Orange 1
Chlorhydrol, Impalpable (Reheis)	Aluminum Chlorohydrate	CI 11680	Pigment Yellow 1
Chloroacetamide	Chloroacetamide	CI 11855	Disperse Yellow 3
Chloroacetic Acid	Chloroacetic Acid	*CI 12075	D & C Orange No. 17 (or) Pigment Orange 5 ■
N-(3-Chloroallyl)-Hex-aminium Chloride	Quaternium-15	*CI 12085	D & C Red No. 36 (or) Pigment Red 4 ■
Chloroallyl Methenamine Chloride	Quaternium-15	CI 12370	Pigment Red 112
1-(3-Chloroallyl)-3,5,7-Triaza-1-Azoniaadaman-tane Chloride	Quaternium-15	*CI 13065	Ext. D & C Yellow No. 1 (or) Acid Yellow 36 ■
Chlorobutanol	Chlorobutanol	CI 13095	Acid Yellow 63
p-Chloro-m-Cresol	p-Chloro-m-Cresol	*CI 14700	FD & C Red No. 4
Chlorodeceth-14	Chlorodeceth-14	*CI 15510	D & C Orange No. 4 (or) Acid Orange 7 ■
5-Chloro-2(2,4-Dichloro-phenoxy) Phenol	Triclosan	*CI 15585	D & C Red No. 8 (or) Pigment Red 53 ■
1-Chloro-1,1-difluoroethane	Hydrochlorofluorocarbon 142B	*CI 15585:1 (Ba Salt)	D & C Red No. 9 (or) Pigment Red 53:1
Chlorodifluoromethane	Hydrochlorofluorocarbon 22	CI 15620	Acid Red 88 ■
Chlorofluorocarbon 11	Chlorofluorocarbon 11	*CI 15630	D & C Red No. 10 (or) Pigment Red 49 ■
Chlorofluorocarbon 11S	Chlorofluorocarbon 11S	*CI 15630:1 (Ba Salt)	D & C Red No. 12 (or) Pigment Red 49:1 ■
Chlorofluorocarbon 12	Chlorofluorocarbon 12	*CI 15630:2 (Ca Salt)	D & C Red No. 11 (or) Pigment Red 49:2 ■
Chlorofluorocarbon 22	Hydrochlorofluorocarbon 22	*CI 15630:3 (Sr Salt)	D & C Red No. 13 (or) Pigment Red 49:3 ■
Chlorofluorocarbon 114	Chlorofluorocarbon 114	*CI 15800:1 (Ca Salt)	D & C Red No. 31 (or) Pigment Red 64:1 ■
Chlorofluorocarbon 142B	Hydrochlorofluorocarbon 142B	*CI 15850	D & C Red No. 6 (or) Pigment Red 57 ■
5-Chloro-2-Hydroxybenzo-phenone	Benzophenone-7	*CI 15850:1 (Ca Salt)	D & C Red No. 7 (or) Pigment Red 57:1 ■
Chloromethoxypropyl-mercuric Acetate	Chloromethoxypropyl-mercuric Acetate	*CI 15880:1 (Ca Salt)	D & C Red No. 34 (or) Pigment Red 63:1 ■
4-Chloro-3-Methyl Phenol	p-Chloro-m-Cresol	*CI 15985	FD & C Yellow No. 6
2-Chloro-p-Phenylenediamine	2-Chloro-p-Phenylenediamine	CI 15985:1	FD & C Yellow No. 6 Aluminum Lake
Chlorophyll, Cu Complex	Chlorophyllin-Copper Complex	*CI 16035	FD & C Red No. 40
Chlorophyllin-Copper Complex	Chlorophyllin-Copper Complex	*CI 16185	FD & C Red No. 2 (or) Acid Red 27 ■
Chlorophyllin, Cu Na Complex	Chlorophyllin-Copper Complex	CI 16185:1	FD & C Red No. 2 Aluminum Lake
4-Chlororesorcinol	4-Chlororesorcinol	CI 16255	Acid Red 18
Chlorothene NU (Dow)	Trichloroethane	*CI 17200	D & C Red No. 33 (or) Acid Red 33 ■
6-Chlorothymol	Chlorothymol	CI 18050	Acid Red 1
Chloroxylenol	Chloroxylenol	CI 18820	Acid Yellow 11
*p-Chloro-m-Xylenol	Chloroxylenol	*CI 19140	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
*4-Chloro-3,5-Xylenol	Chloroxylenol	CI 19140:1	FD & C Yellow No. 5 Aluminum Lake
Cholestanol	Dihydrocholesterol	*CI 20170	D & C Brown No. 1 (or) Acid Orange 24 ■
Cholesterol	Cholesterol	CI 20495	Acid Green 20
Cholet-10	Cholet-10		
Cholet-24	Cholet-24		
Chondrus	Carrageenan		
Chromic Oxide	Chromium Oxide Greens		
Chromium Oxide Hydrated	Chromium Hydroxide Green		

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
CI 21000	Basic Brown 1	*CI 59040	D & C Green No. 8 (or)
CI 21010	Basic Brown 4		Solvent Green 7 ■
CI 22311	Direct Brown 2	*CI 60725	D & C Violet No. 2 (or)
CI 22610	Direct Blue 6		Solvent Violet 13 ■
CI 23375	Direct Orange 6	*CI 60730	Ext. D & C Violet No. 2 (or) Acid Violet 43 ■
CI 24895	Direct Yellow 12	CI 61105	Disperse Violet 4
*CI 26100	D & C Red No. 17 (or) Solvent Red 23 ■	CI 61505	Disperse Blue 3
CI 27290	Acid Red 73	*CI 61565	D & C Green No. 6 (or)
CI 28160	Direct Red 81		Solvent Green 3 ■
CI 29125	Direct Violet 48	*CI 61570	D & C Green No. 5 (or)
CI 29160	Direct Red 43		Acid Green 25 ■
CI 30045	Direct Brown 1	CI 62015	Disperse Red 11
CI 30110	Direct Brown 1:2	CI 64500	Disperse Blue 1
CI 30120	Direct Brown 154	CI 69800	Vat Blue 4
CI 30235	Direct Black 38	*CI 73000	D & C Blue No. 6 (or)
CI 30270	Direct Black 131		Vat Blue 1 ■
CI 35660	Direct Brown 31	*CI 73015	FD & C Blue No. 2 (or)
CI 42051	Acid Blue 3		Acid Blue 74 ■
*CI 42053	FD & C Green No. 3	CI 73066	Solubilized Vat Blue 5
*CI 42090	FD & C Blue No. 1 (or) Acid Blue 9 ■	*CI 73360	D & C Red No. 30 (or)
*CI 42090 (Ammonium Salt)	D & C Blue No. 4 (or) Acid Blue 9 Am- monium Salt ■		Vat Red 1 ■
CI 42090:2	FD & C Blue No. 1 Aluminum Lake	CI 74160 (α Form)	Pigment Blue 15
CI 42095	Acid Green 5	CI 74260	Pigment Green 7
CI 42535	Basic Violet 1	CI 75120	Annatto
CI 42555	Basic Violet 3	CI 75130	Carotene
CI 42595	Basic Blue 7	CI 75140	Natural Red 26
*CI 42640	Acid Violet 49	CI 75170	Guanine
*CI 45170	D & C Red No. 19 (or) Basic Violet 10 ■	CI 75300	Natural Yellow 3
*CI 45170:1 (Stearate)	D & C Red No. 37 (or) Solvent Red 49:1 ■	CI 75470	Carmine
*CI 45350 (Na Salt)	D & C Yellow No. 8 (or) Acid Yellow 73 Sodium Salt ■	CI 75530	Natural Red 20
*CI 45350:1	D & C Yellow No. 7 (or) Acid Yellow 73 ■	CI 75810	Chlorophyllin-Copper Complex
*CI 45370:1	D & C Orange No. 5 (or) Solvent Red 72 ■	CI 76010	o-Phenylenediamine
*CI 45380 (Na Salt)	D & C Red No. 22 (or) Acid Red 87 ■	CI 76020	4-Nitro-o-Phenylene- diamine
*CI 45380:2	D & C Red No. 21 (or) Solvent Red 43 ■	CI 76025	m-Phenylenediamine
*CI 45410 (Na Salt)	D & C Red No. 28 (or) Acid Red 92 ■	CI 76030	4-Nitro-m- Phenylenediamine
*CI 45410:1	D & C Red No. 27 (or) Solvent 48 ■	CI 76042	Toluene-2,5-Diamine
*CI 45425 (Na Salt)	D & C Orange No. 11 (or) Acid Red 95 ■	CI 76043	Toluene-2,5-Diamine Sulfate
*CI 45425:1	D & C Orange No. 10 (or) Solvent Red 73 ■	CI 76050	4-Methoxy-m- Phenylenediamine
*CI 45430	FD & C Red No. 3 (or) Acid Red 51 ■	CI 76051	4-Methoxy-m-Phenyl- enediamine Sul- fate
CI 45430:1	FD & C Red No. 3 Aluminum Lake	CI 76060	p-Phenylenediamine
*CI 47000	D & C Yellow No. 11 (or) Solvent Yellow 33 ■	CI 76061	p-Phenylenediamine HCl
*CI 47005	D & C Yellow No. 10 (or) Acid Yellow 3 ■	CI 76065	2-Chloro-p- Phenylenediamine
CI 50240	Basic Red 2	CI 76070	2-Nitro-p- Phenylenediamine
CI 50415	Solvent Black 5	CI 76075	N,N-Dimethyl-p- Phenylenediamine
CI 50420	Acid Black 2	CI 76085	N-Phenyl-p- Phenylenediamine
*CI 52015	Basic Blue 9	CI 76086	N-Phenyl-p-Phenyl- enediamine HCl
		CI 76120	4,4'-Diamino- diphenylamine
		CI 76500	Pyrocatechol
		CI 76505	Resorcinol
		CI 76510	4-Chlororesorcinol
		CI 76515	Pyrogallol
		CI 76520	o-Aminophenol
		CI 76530	2-Amino-4-Nitrophenol
		CI 76535	2-Amino-5-Nitrophenol
		CI 76540	Picramic Acid

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
CI 76545	m-Aminophenol
CI 76550	p-Aminophenol
CI 76551	p-Aminophenol HCl
CI 76555	4-Amino-2-Nitrophenol
CI 76605	1-Naphthol
CI 76625	1,5-Naphthalenediol
CI 76645	2,7-Naphthalenediol
CI 77000	Aluminum Powder
CI 77002	Aluminum Hydroxide
CI 77004	Aluminum Silicate (or) Bentonite (or) Kaolin
CI 77007	Ultramarine Blue (or) Ultramarine Red (or) Ultramarine Violet
CI 77013	Ultramarine Green
CI 77019	Mica
CI 77120	Barium Sulfate
CI 77163	Bismuth Oxychloride
CI 77231	Calcium Sulfate
CI 77265	Graphite
CI 77288	Chromium Oxide Greens
CI 77289	Chromium Hydroxide Green
CI 77400	Copper Powder
CI 77491	Iron Oxides
CI 77492	Iron Oxides
CI 77499	Iron Oxides
CI 77510	Ferric Ferrocyanide
CI 77520	Ferric Ferrocyanide
CI 77711	Magnesium Oxide
CI 77713	Magnesium Carbonate
CI 77718	Talc
CI 77742	Manganese Violet
CI 77760	Mercuric Oxide
CI 77820	Silver
CI 77861	Tin Oxide
CI 77891	Titanium Dioxide
CI 77947	Zinc Oxide
CI 77950	Zinc Carbonate
Cimicifuga	Black Cohosh
Cinchona Extract	Cinchona Extract
Cineole	Eucalyptol
Cinnamal	Cinnamal
Cinnamaldehyde	Cinnamal
Cinnamein	Benzyl Cinnamate
Cinnamic Aldehyde	Cinnamal
Cinnamon	Cinnamon
Cinnamon Oil	Cinnamon Oil
Cinoxate	Cinoxate
Cis-Butenedioic Acid	Maleic Acid
Cithrol CSP (Croda)	Cetearyl Palmitate
Citral	Citral
Citric Acid	Citric Acid
Citric Acid Anhydrous	Citric Acid
Citric Acid Monohydrate	Citric Acid
Citroflex A-2 (Pfizer)	Acetyl Triethyl Citrate
Citroflex A-4 (Pfizer)	Acetyl Tributyl Citrate
Citroflex A-8 (Pfizer)	Acetyl Trioctyl Citrate
Citroflex 2 (Pfizer)	Triethyl Citrate
Citroflex 4 (Pfizer)	Tributyl Citrate
Citrus Pectin	Pectin
Clearlan (Malmstrom)	Lanolin
Clindrol SDG (Clintwood)	PEG-2 Stearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Clindrol SEG (Clintwood)	Glycol Stearate
Clindrol Superamide 100C (Clintwood)	Cocamide DEA
Clindrol Superamide 100CG (Clintwood)	Cocamide DEA
Clindrol Superamide 100L (Clintwood)	Lauramide DEA
*Clindrol Superamide 100LM (Clintwood)	Lauramide DEA
Clindrol 100MC (Clintwood)	Cocamide MEA
Clindrol 101LI (Clintwood)	Lauramide MIPA
Clindrol 200CG (Clintwood)	Cocamide DEA
Clindrol 200CGN (Clintwood)	Cocamide DEA
Clindrol 200HC (Clintwood)	Cocamide DEA
Clindrol 200-L (Clintwood)	Lauramide DEA
Clindrol 200MS (Clintwood)	Stearamide MEA
Clindrol 200-O (Clintwood)	Oleamide DEA
Clindrol 200RC (Clintwood)	Cocamide DEA
Clindrol 200-S (Clintwood)	Stearamide DEA
Clindrol 202CGN (Clintwood)	Cocamide DEA
Clindrol 203CG (Clintwood)	Cocamide DEA
Clindrol 204CG (Clintwood)	Cocamide DEA
Clindrol 206CGN (Clintwood)	Cocamide DEA
Clindrol 207CGN (Clintwood)	Cocamide DEA
Clindrol 209CGN (Clintwood)	Cocamide DEA
Clindrol 868 (Clintwood)	Stearamide DEA
Cloflucarban	Cloflucarban
Cloisonne Blue CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide
Cloisonne Blue CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide (and) Carbomer-940
Cloisonne Blue MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide
Cloisonne Blue 100 (Mearl)	Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide
Cloisonne Gold CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Iron Oxides
Cloisonne Gold CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Iron Oxides (and) Carbomer-940
Cloisonne Gold MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide (and) Iron Oxides
Cloisonne Gold 100 (Mearl)	Mica (and) Titanium Dioxide (and) Iron Oxides
Cloisonne Green CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Chromium Oxide Greens
Cloisonne Green CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Chromium Oxide Greens (and) Carbomer-940
Cloisonne Green MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide (and) Chromium Oxide Greens
Cloisonne Green 100 (Mearl)	Mica (and) Titanium Dioxide (and) Chromium Oxide Greens
Cloisonne Red CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Carmine
Cloisonne Red CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carmine (and) Carbomer-940

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

*Cloisonne Red MO (Mearl)*

*Collodion, Flexible*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cloisonne Red MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Di- oxide (and) Carmine
Cloisonne Red 100 (Mearl)	Mica (and) Titanium Di- oxide (and) Carmine
Cloud 105 (Caroline)	Methyl Rosinate (and) Polysorbate 20
Cloud 107 (Caroline)	Methyl Rosinate (and) Laureth-23 (and) Laureth-4 (and) Propylene Glycol
*Cloud 123R (Caroline)	Vinylpyrrolidone/Styrene Copolymer (and) PEG 8 Laurate (and) PEG-75 Lanolin (and) Laureth-23 (and) PEG-4 Oleate (and) Glycol Stearate (and) and other Ingredients
Cloud 285 (Caroline)	Styrene/Acrylate Copoly- mer (and) Laureth-23 (and) Carbomer-941
Clouding Agent TS (American Hoechst) Clove Oil	PEG-3 Distearate  Clove Oil
Cloveleaf Oil Clover Blossom Extract CMC CMC-7HF (Hercules) CMC-7H3SF (Hercules)	Cloveleaf Oil Clover Blossom Extract Cellulose Gum Cellulose Gum Cellulose Gum
CMC-7LF (Hercules) CMC-7MF (Hercules) CMC-12M31P (Hercules) CMHEC (Hercules)	Cellulose Gum Cellulose Gum Cellulose Gum Carboxymethyl Hydroxy- ethylcellulose
CO-618 (Procter & Gamble)	Coconut Alcohol
CO-1214 (Procter & Gamble) CO-1214N (Procter & Gamble) CO-1214S (Procter & Gamble)	Lauryl Alcohol Lauryl Alcohol Lauryl Alcohol
CO-1618 (Procter & Gamble) CO-1670 (Procter & Gamble)	Cetearyl Alcohol Cetyl Alcohol
CO-1695 (Procter & Gamble) CO-1895 (Procter & Gamble) CO-1897 (Procter & Gamble) Coal Tar Cobalt Naphthenate	Cetyl Alcohol Stearyl Alcohol Stearyl Alcohol Coal Tar Cobalt Naphthenate
Cobaltous Naphthenate Cobee (PVO) Cobee 76 (PVO) Cobee 92 (PVO) Cobee 110 (PVO)	Cobalt Naphthenate Coconut Oil Coconut Oil Hydrogenated Coconut Oil Hydrogenated Coconut Oil
Cocamide Cocamide DEA Cocamide MEA Cocamide MIPA Cocamidopropylamine Oxide	Cocamide Cocamide DEA Cocamide MEA Cocamide MIPA Cocamidopropylamine Oxide
Cocamidopropyl Betaine Cocamidopropyl Di- methyl Acetamido Am- monium Chloride Cocamidopropyl Di- methylamine *Cocamido Propyl Di- methyl Glycine Cocamidopropyl Sul- taine	Cocamidopropyl Betaine Quaternium-43  Cocamidopropyl Di- methylamine Cocamidopropyl Betaine  Cocamidopropyl Sul- taine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cocamine Cocamine Oxide Cocaminobutyric Acid Cocaminopropionic Acid Coceth-6	Cocamine Cocamine Oxide Cocaminobutyric Acid Cocaminopropionic Acid Coceth-6
Coceth-8 Cocoa Butter N-Coco-2-Amino- propionic Acid Coco-Betaine Coco Di- (Hydroxyethyl) Amine Oxide	Coceth-8 Cocoa Butter Cocaminopropionic Acid Coco-Betaine Dihydroxyethyl Coca- mine Oxide
Coco Dimethyl Amine Cocodimethyl Amine Oxide Coco Dimethyl Glycine Coco Fatty Acid Coco-Hydrolyzed Animal Protein Coco Monoethanolamide	Dimethyl Cocamine Cocamine Oxide Coco-Betaine Coconut Acid Coco-Hydrolyzed Animal Protein Cocamide MEA
Coco-Morpholine Oxide Coconut Acid Coconut Acid Amide Coconut Alcohol Coconut Amine	Coco-Morpholine Oxide Coconut Acid Cocamide Coconut Alcohol Cocamine
Coconut Betaine Coconut Diethanolamide Coconut Fatty Acid Diethanolamide Coconut Fatty Acid Monoethanolamide Coconut Fatty Acids	Coco-Betaine Cocamide DEA Cocamide DEA  Cocamide MEA  Coconut Acid
Coconut Fatty Alcohol Coconut Isopropanolamide Coconut Oil Coconut Oil, Hydrogenated Coconut Trimethylam- monium Chloride	Coconut Alcohol Cocamide MIPA Coconut Oil Hydrogenated Coconut Oil Cocotrimonium Chloride
Coco-Polyglyceryl-4 Hy- droxypropyl Dihy- droxyethylamine Coco-Sultaine Cocotrimonium Chloride Cocoyl Amide Propylbetaine Cocoyl Diethanolamide	Coco-Polyglyceryl-4 Hy- droxypropyl Dihy- droxyethylamine Coco-Sultaine Cocotrimonium Chloride Cocamidopropyl Betaine Cocamide DEA
Cocoyl Monoethanolamine Cocoyl Sarcosina- mide DEA N-Cocoyl Sarcosine Cocoyl Trimethyl Am- monium Chloride N-Cocoyl-N-Methyl Glycine Codan Concentrated Witch Hazel (Danco)	Cocamide MEA Cocoyl Sarcosina- mide DEA Cocoyl Sarcosine Cocotrimonium Chloride  Cocoyl Sarcosine  Witch Hazel Distillate
Codan Refined Grape Seed Oil (Danco) Cod Liver Oil Cod Liver Oil Acid, Ethyl Ester Coenzyme R Colladerm 350 (Stepan)	Grape Seed Oil Cod Liver Oil Ethyl Morrhuate  Biotin Zinc Hydrolyzed Animal Protein
Collagen	Collagen
Collagen Hydrolysate, Sodium Salt Solution Collasol (Croda) Collodion Collodion, Flexible	Hydrolyzed Animal Protein Collagen Collodion Flexible Collodion

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Colloid 4V Tech. Protein (Swift Edible Oils)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Colloid 4V Tech. Protein (Swift Edible Oils)	Hydrolyzed Animal Protein
Colloidal Sulfur	Colloidal Sulfur
Colocynth	Colocynth
Colocynth Extract	Colocynth Extract
*Colocynth Fluid Extract	Colocynth Extract
Colophony	Rosin
Color Blend 2524 (Thomas-set)	Iron Oxides (and) Talc
Coloron Blue Green (Rona Pearl)	Mica (and) Titanium Dioxide (and) Chromium Oxide Greens
Coloron Dark Blue (Rona Pearl)	Mica (and) Titanium Dioxide Ferric Ferrocyanide
Coloron Light Blue (Rona Pearl)	Mica (and) Titanium Dioxide Ferric Ferrocyanide
Coloron Red Brown (Rona Pearl)	Mica (and) Iron Oxides (and) Titanium Dioxide
Coltsfoot Extract	Coltsfoot Extract
Comfrey Extract	Comfrey Extract
Comperlan KD (Henkel)	Cocamide DEA
Comperlan LD (Henkel)	Lauramide DEA
Comperlan LM (Henkel)	Lauramide MEA
Comperlan LP (Henkel)	Lauramide MIPA
Comperlan MM (Henkel)	Myristamide MEA
Comperlan OD (Henkel)	Oleamide DEA
Comperlan 100 (Henkel)	Cocamide MEA
Compound TL (Miranol)	Amphoteric-19
Compound 1665 (Penick)	Esculin
Concentrated Multi Sterol Extract (Malmstrom)	Lanolin Alcohol (and) Mineral Oil
*Conco AAS Special 3 (Continental Chemical)	Isopropylamine Dodecylbenzenesulfonate
Conco AAS-35 (Continental Chemical)	Sodium Dodecylbenzenesulfonate
Conco AAS-40 (Continental Chemical)	Sodium Dodecylbenzenesulfonate
Conco AAS-50 (Continental Chemical)	Ammonium Dodecylbenzenesulfonate
Conco AAS-60 (Continental Chemical)	TEA-Dodecylbenzenesulfonate
Conco AAS-65 (Continental Chemical)	Sodium Dodecylbenzenesulfonate
Conco AAS-90 (Continental Chemical)	Sodium Dodecylbenzenesulfonate
Conco AAS-98 (Continental Chemical)	Dodecylbenzene Sulfonic Acid
Conco ATR-98 (Continental Chemical)	Tridecylbenzenesulfonic Acid
Conco NI-21 (Continental Chemical)	Nonoxynol-2
Conco NI-43 (Continental Chemical)	Nonoxynol-4
Conco NI-60 (Continental Chemical)	Nonoxynol-6
Conco NI-90 (Continental Chemical)	Nonoxynol-9
Conco NI-100 (Continental Chemical)	Nonoxynol-10
Conco NI-110 (Continental Chemical)	Nonoxynol-10
Conco NI-150 (Continental Chemical)	Nonoxynol-15
Conco NI-185 (Continental Chemical)	Nonoxynol-20
Conco NI-187 (Continental Chemical)	Nonoxynol-30
Conco NI-190 (Continental Chemical)	Nonoxynol-40
Conco NI-197 (Continental Chemical)	Nonoxynol-40

## Condensate L-90A (Chemical Products)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Conco NI-2000 (Continental Chemical)	Nonoxynol-50
Conco NIX-100 (Continental Chemical)	Octoxynol-9
Conco Sulfate A (Continental Chemical)	Ammonium Lauryl Sulfate
Conco Sulfate C (Continental Chemical)	Sodium Cetyl Sulfate
Conco Sulfate EP (Continental Chemical)	DEA-Lauryl Sulfate
Conco Sulfate K (Continental Chemical)	Ammonium Laureth Sulfate (and) Cocamide DEA
Conco Sulfate M (Continental Chemical)	Magnesium Lauryl Sulfate
Conco Sulfate P (Continental Chemical)	Potassium Lauryl Sulfate
Conco Sulfate T (Continental Chemical)	Sodium Tallow Sulfate
Conco Sulfate TL (Continental Chemical)	TEA-Lauryl Sulfate
Conco Sulfate WA (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WAG (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WAN (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WAS (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WA-1200 (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WA-1245 (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate WE (Continental Chemical)	Sodium Laureth Sulfate
Conco Sulfate WEM (Continental Chemical)	Ammonium Laureth Sulfate
Conco Sulfate WN (Continental Chemical)	Sodium Lauryl Sulfate
Conco Sulfate 216 (Continental Chemical)	Ammonium Laureth Sulfate
Conco Sulfate 219 (Continental Chemical)	Sodium Laureth Sulfate
Conco Sulfate 219 Special (Continental Chemical)	Sodium Laureth Sulfate
Conco Sulfate 444 (Continental Chemical)	Ammonium Myreth Sulfate
Conco SXS (Continental Chemical)	Sodium Xylene Sulfonate
Conco XAC (Continental Chemical)	Cetamine Oxide
Conco XAL (Continental Chemical)	Lauramine Oxide
Conco XAM (Continental Chemical)	Myristamine Oxide
Conco XAO (Continental Chemical)	Oleamine Oxide
Conco XAS (Continental Chemical)	Stearamine Oxide
Conco XAT (Continental Chemical)	Tallow Amine Oxide
Concogel 2 Conc (Continental Chemical)	Sodium Methyl Oleoyl Taurate
Condensate CA (Chemical Products)	Ricinoleamide DEA
Condensate CO (Continental Chemical)	Cocamide DEA
Condensate HCA (Chemical Products)	Cocamide DEA
Condensate L-90 (Chemical Products)	Lauramide DEA
Condensate L-90A (Chemical Products)	Lauramide DEA

**Condensate L-5560 (Chemical Products)**

**Cosmetic Russet C33-8075 (Sun)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Condensate L-5560 (Chemical Products)	Lauramide DEA
Condensate LM11D (Chemical Products)	Lauramide DEA
Condensate LM-5560 (Chemical Products)	Lauramide DEA
Condensate LNO (Chemical Products)	Linoleamide DEA
Condensate M-100A (Chemical Products)	Myristamide DEA
Condensate MRCA (Chemical Products)	Myristamide DEA
Condensate N-1918 (Chemical Products)	Stearamide DEA
Condensate NP (Continental Chemical)	Cocamide DEA
Condensate OFO (Chemical Products)	Oleamide DEA
Condensate PA (Continental Chemical)	Cocamide DEA
Condensate PE (Continental Chemical)	Lauramide DEA
Condensate PHL (Continental Chemical)	Lauramide DEA
Condensate PL (Continental Chemical)	Lauramide DEA
Condensate PM (Continental Chemical)	Myristamide DEA
Condensate PN (Continental Chemical)	Cocamide DEA
Condensate PO (Continental Chemical)	Cocamide DEA
Condensate PS (Continental Chemical)	Cocamide DEA
Condensate PSR (Continental Chemical)	Cocamide DEA
Condensate Q (Continental Chemical)	Stearamide DEA
Condensate S-100 (Chemical Products)	Stearamide DEA
Condensate T (Chemical Products)	Tallamide DEA
Condensate X-45B (Chemical Products)	Cocamide DEA
Condensate X-45W (Chemical Products)	Cocamide DEA
Coneflower Extract	Coneflower Extract
Copal	Copal
Copper, Metallic Powder	Copper Powder
Copper Powder	Copper Powder
Copper Sodium Chlorophyllin	Chlorophyllin-Copper Complex
*Copper Versenate	Disodium EDTA-Copper
Copra Oil	Coconut Oil
*C-Orange 10 (Germany)	FD & C Yellow No. 6 (or) Food Yellow 3 ■
C-Orange 11 (Germany)	Carotene
C-Orange 12 (Germany)	Annatto
Coriander Oil	Coriander Oil
Corn Acid	Corn Acid
Corn Cob Meal	Corn Cob Meal
Corn Fatty Acids	Corn Acid
Corn Flour	Corn Flour
Corn Oil	Corn Oil
Corn Starch	Corn Starch
Corn Sugar Gum	Xanthan Gum
Corn Sugar Syrup	Corn Syrup
Corn Syrup	Corn Syrup
Cosmerlac (Precision Foods)	Nonfat Dry Milk

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cosmetic AA Lanolin (Robinson-Wagner)	Lanolin
Cosmetic Black C33-134 (Sun)	Iron Oxides
Cosmetic Black C33-3134 (Sun)	Iron Oxides
Cosmetic Black C47-4547 (Sun)	Graphite
Cosmetic Blue C43-1810 (Sun)	Ultramarine Blue
Cosmetic Blue C43-3810 (Sun)	Ultramarine Blue
Cosmetic Brown C-1654 (Kohnstamm)	Iron Oxides
Cosmetic Brown C-33-115 (Sun)	Iron Oxides
Cosmetic Brown C-33-3115 (Sun)	Iron Oxides
Cosmetic Brown YB-3279 (Kohnstamm)	Iron Oxides
Cosmetic Burnt Umber B-3495 (Kohnstamm)	Iron Oxides (and) Talc
Cosmetic Ferric Blue C38-002 (Sun)	Ferric Ferrocyanide
Cosmetic Green A-6931 (Kohnstamm)	Chromium Hydroxide Green
Cosmetic Green A-8595 (Kohnstamm)	Chromium Oxide Greens
Cosmetic Green C61-1245 (Sun)	Chromium Oxide Greens
Cosmetic Green C61-3245 (Sun)	Chromium Oxide Greens
Cosmetic Green C61-6735 (Sun)	Chromium Hydroxide Green
Cosmetic Green Oxide (Sun)	Chromium Hydroxide Green
Cosmetic Iron Black A-8214 (Kohnstamm)	Iron Oxides
Cosmetic Iron Blue C-1769 (Kohnstamm)	Ferric Ferrocyanide
Cosmetic Lanolin (Croda)	Lanolin
Cosmetic Lanolin (Fanning)	Lanolin
Cosmetic Ochre C-1624 (Kohnstamm)	Talc (and) Iron Oxides
Cosmetic Ochre 1667 (Kohnstamm)	Iron Oxides (and) Talc
Cosmetic Ochre 3382 (Kohnstamm)	Iron Oxides (and) Talc
Cosmetic Ochre 3506 (Kohnstamm)	Iron Oxides
Cosmetic Oxide M C33-120 (Sun)	Iron Oxides (and) Talc
Cosmetic Oxide M C33-123 (Sun)	Iron Oxides
Cosmetic Raw Sienna 2673 (Kohnstamm)	Talc (and) Iron Oxides
Cosmetic Red Transox C33-8278 (Sun)	Iron Oxides
Cosmetic Red 3469 (Kohnstamm)	Iron Oxides
Cosmetic Russet C33-128 (Sun)	Iron Oxides
Cosmetic Russet C33-2527 (Sun)	Iron Oxides
Cosmetic Russet C33-3074 (Sun)	Iron Oxides
Cosmetic Russet C33-3128 (Sun)	Iron Oxides
Cosmetic Russet C33-3175 (Sun)	Iron Oxides
Cosmetic Russet C33-8074 (Sun)	Iron Oxides
Cosmetic Russet C33-8075 (Sun)	Iron Oxides

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.



**Cosmetic Sun Tan 2770 (Kohnstamm)**

**Crystal Violet**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cosmetic Sun Tan 2770 (Kohnstamm)	Talc (and) Iron Oxides	Crodadid (Croda)	Myristic Acid
Cosmetic Tan C33-107 (Sun)	Iron Oxides (and) Talc	Crodacol A. 10 (Croda)	Oleyl Alcohol
Cosmetic Tan C33-130 (Sun)	Iron Oxides (and) Talc	Crodacol C (Croda)	Cetyl Alcohol
Cosmetic Tan C33-3130 (Sun)	Iron Oxides (and) Talc	Crodacol O (Croda)	Oleyl Alcohol
Cosmetic Ultramarine Blue	Ultramarine Blue	*Crodacol S (Croda)	Stearyl Alcohol
Cosmetic Umber A-8534 (Kohnstamm)	Iron Oxides (and) Talc	Crodafos CAP (Croda)	PPG-10 Cetyl Ether Phosphate
Cosmetic Umber B-3241 (Kohnstamm)	Iron Oxides (and) Talc (and) Ultramarine Blue	Crodafos N. 3 Acid (Croda)	Oleth-3 Phosphate
Cosmetic Umber B-3389 (Kohnstamm)	Iron Oxides (and) Talc	*Crodafos N. 3 Neutral (Croda)	DEA-Oleth-3 Phosphate
Cosmetic White C47-5175 (Sun)	Titanium Dioxide	Crodafos N. 10 Acid (Croda)	Oleth-10 Phosphate
Cosmetic White C47-9623 (Sun)	Titanium Dioxide	*Crodafos N. 10 Neutral (Croda)	DEA-Oleth-10 Phosphate
Cosmetic Yellow C33-3073 (Sun)	Iron Oxides	Crodafos SG (Croda)	PPG-5-Ceteth-10 Phosphate
Cosmetic Yellow C33-8073 (Sun)	Iron Oxides	Crodalan AWS (Croda)	Laneth-10 Acetate
Cosmetic Yellow Transox C33-8009 (Sun)	Iron Oxides	Crodalan LA (Croda)	Acetylated Lanolin Alcohol
Cosmetol (Spencer-Kellogg)	Castor Oil	Crodalan 3 (Croda)	Lanolin (and) Isopropyl Lanolate
Cosmetol G (Spencer-Kellogg)	Castor Oil	Croda Liquid Base (Croda)	Mineral Oil (and) Lanolin Alcohol
Cosmetol Q (Spencer-Kellogg)	Castor Oil	Crodamol DA (Croda)	Diisopropyl Adipate
Cosmetol X (Spencer-Kellogg)	Castor Oil	Crodamol IPM (Croda)	Isopropyl Myristate
Cosmowax (Croda)	Stearyl Alcohol (and) Steareth-20 (and) Steareth-10	Crodamol IPP (Croda)	Isopropyl Palmitate
Cosmowax H (Croda)	Stearyl Alcohol (and) Steareth-20	Crodamol PC (Croda)	Propylene Glycol Dicaprylate
Cotton	Cotton	Croda Multi Sterol Base (Croda)	Mineral Oil (and) Lanolin Alcohol (and) Oleyl Alcohol
Cottonseed Acid	Cottonseed Acid	Croda Pearl (Croda)	Hydroxyethyl Stearamide-MIPA
Cottonseed Fatty Acids, Distilled	Cottonseed Acid	Croda Pearl Liquid (Croda)	Sodium Laureth Sulfate (and) Hydroxyethyl Stearamide-MIPA
Cottonseed Glyceride	Cottonseed Glyceride	Croda Solid Base (Croda)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Cottonseed Oil	Cottonseed Oil	*Crodyn BY 19 (Croda)	Hydrolyzed Animal Protein
Cottonseed Oil, Hydrogenated	Hydrogenated Cottonseed Oil	*C-Rot 1 (Germany)	D & C Red No. 36 (or) Pigment Red 4 ■
Cottonseed Oil Monoglyceride	Cottonseed Glyceride	*C-Rot 14 (Germany)	D & C Red No. 34 (or) Pigment Red 63:1 ■
Cottonseed Oil, Winterized	Cottonseed Oil	*C-Rot 27 (Germany)	D & C Orange No. 5 (or) Solvent Red 72 ■
Coumarin	Coumarin	*C-Rot 28 (Germany)	D & C Red No. 30 (or) Vat Red 1 ■
*Covitol F-50 (General Mills)	Tocopherol	*C-Rot 38 (Germany)	FD & C Red No. 3 (or) Acid Red 51 ■
*Covitol 81 (General Mills)	Tocopheryl Acetate	C-Rot 45 (Germany)	Iron Oxides
*Covitol 100S (General Mills)	Tocopherol	*C-Rot 46 (Germany)	FD & C Red No. 2 (or) Acid Red 27 ■
Covol (CPC International)	Polyvinyl Alcohol	C-Rot 47 (Germany)	Acid Red 18
C-Pigment 1 (Germany)	Aluminum Powder	C-Rot 50 (Germany)	Carmine
C-Pigment 2 (Germany)	Silver	*C-Rot 55 (Germany)	D & C Red No. 8 (or) Pigment Red 53 ■
Crataegus Extract	Crataegus Extract	*C-Rot 55 Lake (Germany)	D & C Red No. 9 (or) Pigment Red 53:1 ■
Cream	Cream	*Crotein AD (Croda)	AMP Isostearic Hydrolyzed Animal Protein
Creamtex (Glidden-Durkee)	Hydrogenated Vegetable Oil	*Crotein ADX (Croda)	AMP Isostearic Hydrolyzed Animal Protein
Cream White (Penreco)	Petrolatum	Crotein ASC (Croda)	Animal Protein Derivative
Creosote	Creosote	Crotein BTA (Croda)	Benzyl Trimethyl Ammonium Hydrolyzed Animal Protein
o-Cresotic Acid	o-Cresotic Acid	Crotein HKP (Croda)	Hydrolyzed Animal Protein
Croda Base PD-2 (Croda)	Petrolatum (and) Lanolin Alcohol	Crotein IP (Croda)	Isostearic Hydrolyzed Animal Protein
Croda Base 5 (Croda)	Petrolatum (and) Lanolin (and) Lanolin Alcohol	Crotein IPX (Croda)	Isostearic Hydrolyzed Animal Protein
Croda Base 7 (Croda)	Petrolatum (and) Lanolin (and) Lanolin Alcohol	Crotein SPA (Croda)	Hydrolyzed Animal Protein
Croda Base 2691 (Croda)	Petrolatum (and) Lanolin (and) Sorbitan Sesquioleate	Crotein SPC (Croda)	Hydrolyzed Animal Protein
Croda Base 2717 (Croda)	Petrolatum (and) Lanolin (and) Cholesterol	Crotein SPO (Croda)	Hydrolyzed Animal Protein
Croda Base 2815 (Croda)	Petrolatum (and) Lanolin Alcohol	Cru-Release 901F (Crucible)	Dimethicone
Croda Base 3619 (Croda)	Mineral Oil (and) Lanolin (and) Lanolin Alcohol (and) Beeswax	Crystal Crown (NL Industries)	Castor Oil
		Crystal O (NL Industries)	Castor Oil
		Crystal Violet	Basic Violet 3

**C-Schwarz 5 (Germany)**

**Cyclomide RP (Witco/Cyclo Div)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
C-Schwarz 5 (Germany)	Iron Oxides
Cucumber Extract	Cucumber Extract
Cucumber Extract #17 (Rhodia)	Glycerin (and) Cucumber Extract
Cucumber Juice	Cucumber Juice
Cupric Sulfate	Cupric Sulfate
Cutina AGS (Henkel)	Glycol Distearate
Cutina LM (Henkel)	Castor Oil (and) Glyceryl Ricinoleate (and) Octyl Dodecanol (and) Carnauba (and) Candelilla Wax (and) Microcrystalline Wax (and) Cetyl Alcohol (and) Beeswax (and) Mineral Oil
*C-Violett 10 (Germany)	Acid Violet 49
C-Weiss 1 (Germany)	Aluminum Hydroxide
C-Weiss 6 (Germany)	Calcium Sulfate
C-Weiss 7 (Germany)	Titanium Dioxide
C-Weiss 8 (Germany)	Zinc Oxide
C-Weiss 10 (Germany)	Bismuth Oxychloride
Cyanamer P-250 (American Cyanamid)	Polyacrylamide
Cyclal Cetostearyl Alcohol (Witco/Cyclo Div)	Cetearyl Alcohol
Cyclal Cetyl Alcohol (Witco/Cyclo Div)	Cetyl Alcohol
Cyclal G16 (Witco/Cyclo Div)	Isocetyl Alcohol
Cyclal G20 (Witco/Cyclo Div)	Octyl Dodecanol
Cyclal Stearyl Alcohol (Witco/Cyclo Div)	Stearyl Alcohol
Cyclochem BA (Cyclo)	Benzyl Acetate
Cyclochem CL (Cyclo)	Cetyl Lactate
Cyclochem DGS (Cyclo)	PEG-2 Stearate
Cyclochem EGMS (Cyclo)	Glycol Stearate
Cyclochem EGMS/SE (Cyclo)	Glycol Stearate SE
Cyclochem EM 324 (Cyclo)	Glycol Stearate SE
Cyclochem EM 560 (Cyclo)	Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Synthetic Spermacti (and) Myristyl Alcohol
Cyclochem GMS (Cyclo)	Glyceryl Stearate
Cyclochem GMS/SE (Cyclo)	Glyceryl Stearate SE
Cyclochem GTL (Cyclo)	Trilaurin
Cyclochem LVL (Cyclo)	Lauryl Lactate
Cyclochem ML (Cyclo)	Myristyl Lactate
Cyclochem MM/M (Cyclo)	Myristyl Myristate
Cyclochem MST (Cyclo)	Myristyl Stearate
Cyclochem NI (Cyclo)	Ceteth-20
Cyclochem PEG 200 DL (Cyclo)	PEG-4 Dilaurate
Cyclochem PEG 200 DS (Cyclo)	PEG-4 Distearate
Cyclochem PEG 200 ML (Cyclo)	PEG-4 Laurate
Cyclochem PEG 400 DS (Cyclo)	PEG-8 Distearate
Cyclochem PEG 400 ML (Cyclo)	PEG-8 Laurate
Cyclochem PEG 400 MO (Cyclo)	PEG-8 Oleate
Cyclochem POL (Cyclo)	Cetearyl Alcohol (and) Ceteth-20 (and) Glycol Stearate
Cyclochem SPS (Cyclo)	Synthetic Spermacti
Cyclochem SS (Cyclo)	Stearyl Stearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cycloform	Isobutyl PABA
Cyclogol NI (Witco/Cyclo Div)	Ceteareth-20 (and) Cetearyl Alcohol
Cyclogol ZBL4 (Witco/Cyclo Div)	Laureth-4
Cyclogol ZBL6 (Witco/Cyclo Div)	Laureth-6
Cyclogol ZBL9 (Witco/Cyclo Div)	Laureth-9
Cyclogol ZBL11 (Witco/Cyclo Div)	Laureth-11
Cyclogol ZBL13 (Witco/Cyclo Div)	Laureth-13
Cyclogol ZBL15 (Witco/Cyclo Div)	Laureth-15
Cyclogol ZBL25 (Witco/Cyclo Div)	Laureth-25
Cyclogol ZBL30 (Witco/Cyclo Div)	Laureth-30
Cyclogol 1000 (Witco/Cyclo Div)	Ceteareth-20
Cyclohexanediamine Tetraacetic Acid	Cyclohexanediamine Tetraacetic Acid
Cyclol EGMS (Witco/Cyclo Div)	Glycol Stearate
Cyclomethicone	Cyclomethicone
Cyclomide CD (Witco/Cyclo Div)	Cocamide DEA
Cyclomide CM (Witco/Cyclo Div)	Cocamide MEA
Cyclomide CP (Witco/Cyclo Div)	Cocamide MIPA
Cyclomide DS (Cyclo)	Cocoyl Sarcosinamide DEA
Cyclomide DS (Witco/Cyclo Div)	Cocoyl Sarcosinamide DEA
Cyclomide KD (Witco/Cyclo Div)	Palm Kernelamide DEA
Cyclomide KM (Witco/Cyclo Div)	Palm Kernelamide MEA
Cyclomide KP (Witco/Cyclo Div)	Palm Kernelamide MIPA
Cyclomide LD (Witco/Cyclo Div)	Lauramide DEA
Cyclomide LM (Witco/Cyclo Div)	Lauramide MEA
Cyclomide LP (Witco/Cyclo Div)	Lauramide MIPA
Cyclomide ND (Witco/Cyclo Div)	Linoleamide DEA
Cyclomide NM (Witco/Cyclo Div)	Linoleamide MEA
Cyclomide NP (Witco/Cyclo Div)	Linoleamide MIPA
Cyclomide OD (Witco/Cyclo Div)	Oleamide DEA
Cyclomide OM (Witco/Cyclo Div)	Oleamide MEA
Cyclomide OP (Witco/Cyclo Div)	Oleamide MIPA
Cyclomide PD (Witco/Cyclo Div)	Palmamide DEA
Cyclomide PM (Witco/Cyclo Div)	Palmamide MEA
Cyclomide PP (Witco/Cyclo Div)	Palmamide MIPA
Cyclomide RD (Witco/Cyclo Div)	Ricinoleamide DEA
Cyclomide RM (Witco/Cyclo Div)	Ricinoleamide MEA
Cyclomide RP (Witco/Cyclo Div)	Ricinoleamide MIPA

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cyclomide SD (Witco/Cyclo Div)	Stearamide DEA
Cyclomide SM (Witco/Cyclo Div)	Stearamide MEA
Cyclomide SP (Witco/Cyclo Div)	Stearamide MIPA
Cyclomide TD (Witco/Cyclo Div)	Tallowamide DEA
Cyclomide TM (Witco/Cyclo Div)	Tallowamide MEA
Cyclonate 103 (Witco/Cyclo Div)	Disodium Monolaureth Sulfosuccinate
Cyclonate 105 (Witco/Cyclo Div)	Disodium Monolauryl Sulfosuccinate
Cyclonette Wax (Witco/Cyclo Div)	Cetearyl Alcohol (and) Sodium Lauryl Sulfate
Cycloryl GA (Witco/Cyclo Div)	Magnesium Lauryl Sulfate
Cycloryl GD (Witco/Cyclo Div)	Magnesium Laureth Sulfate
Cycloryl MA (Witco/Cyclo Div)	Ammonium Lauryl Sulfate
Cycloryl MA 330 (Cyclo)	Ammonium Laureth Sulfate
Cycloryl MA 360 (Cyclo)	Ammonium Laureth Sulfate
Cycloryl MD (Witco/Cyclo Div)	Ammonium Laureth Sulfate
Cycloryl MG (Cyclo)	Magnesium Lauryl Sulfate
Cycloryl MS (Cyclo)	Sodium Myristyl Sulfate
Cycloryl M1 (Cyclo)	Sodium Laureth Sulfate (and) Lauramide MIPA (and) Glycol Stearate (and) Cocamide MEA
Cycloryl M3D (Witco/Cyclo Div)	Ammonium Laureth Sulfate
Cycloryl M3D2 (Witco/Cyclo Div)	Ammonium Laureth Sulfate
Cycloryl M3D60 (Witco/Cyclo Div)	Ammonium Laureth Sulfate
Cycloryl NA (Cyclo)	Sodium Laureth Sulfate
Cycloryl NA (Witco/Cyclo Div)	Sodium Laureth Sulfate
Cycloryl NA 61 (Cyclo)	Sodium Laureth Sulfate
Cycloryl SA (Witco/Cyclo Div)	MEA-Lauryl Sulfate
Cycloryl TA (Witco/Cyclo Div)	TEA-Lauryl Sulfate
Cycloryl TABS (Witco/Cyclo Div)	TEA-Dodecylbenzenesulfonate
Cycloryl TD (Cyclo)	TEA-Laureth Sulfate
Cycloryl TD (Witco/Cyclo Div)	TEA-Laureth Sulfate
Cycloryl WAT (Cyclo)	TEA-Lauryl Sulfate
Cycloryl 21 (Cyclo)	Sodium Lauryl Sulfate
Cycloryl 21 (Witco/Cyclo Div)	Sodium Lauryl Sulfate
Cycloryl 31 (Witco/Cyclo Div)	Sodium Lauryl Sulfate
Cycloryl 580 (Witco/Cyclo Div)	Sodium Lauryl Sulfate
Cycloryl 585N (Witco/Cyclo Div)	Sodium Lauryl Sulfate
Cyclosheen 100 (Cyclo)	Lauramide MIPA (and) Glycol Stearate (and) Cocamide MEA
Cycloton B50 (Witco/Cyclo Div)	Benzalkonium Chloride
Cycloton CT 100 (Cyclo)	Stearyl Alcohol (and) Cetrimonium Bromide
Cycloton V (Witco/Cyclo Div)	Cetrimonium Bromide
Cydonia	Quince Seed
p-Cymene	p-Cymene
o-Cymen-5-ol	o-Cymen-5-ol
Cyncal (Hilton-Davis)	Myristalkonium Chloride
Cypres "D" Plant Extract (Rhodia)	Glycerin (and) Cypress Extract

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Cypress Extract	Cypress Extract
Cysteine	Cysteine
Cystine	Cystine
— D —	
Daitosol 5000 A-S (Daito Kasei Kogyo)	Polyethylacrylate
Damar	Damar
Damar Gum	Damar
Dandelion Extract	Dandelion Extract
Dandelion Root	Dandelion Root
Dantoin DMDMH-55 (Glyco)	DMDM Hydantoin
Dantoin DMH (Glyco)	DM Hydantoin
Dantoin DMHF (Glyco)	DMHF
Dantoin DMHF-75 (Glyco)	DMHF
Dantoin MDMH (Glyco)	MDM Hydantoin
Dar-Chem 14 (Darling)	Stearic Acid
Darco (ICI United States)	Carbon
Dariloid QH (Kelco)	Algin
Darvan #1 (Vanderbilt)	Sodium Polynaphthalene Sulfonate
Darvan #7 (Vanderbilt)	Sodium Polymethacrylate
*Dawn Orange 5205 (Thomasset)	D & C Orange No. 5
DBPC	Zirconium Lake
	BHT
D & C Black No. 1 Replacement B-3502 (Kohnstamm)	FD & C Blue No. 1 (and) D & C Green No. 5 (and) FD & C Red No. 2 (and) D & C Orange No. 4
D & C Blue #1 Aluminum Lake K-7117 (Kohnstamm)	D & C Blue No. 1
D & C Blue #6 K-7024 (Kohnstamm)	Aluminum Lake
D & C Blue No. 1 Aluminum Lake	D & C Blue No. 6
D & C Blue No. 2 Aluminum Lake	D & C Blue No. 1
	Aluminum Lake
	D & C Blue No. 2
	Aluminum Lake
D & C Blue No. 4	D & C Blue No. 4
D & C Blue No. 6	D & C Blue No. 6
D & C Brown No. 1	D & C Brown No. 1
D & C Green #5 K-7015 (Kohnstamm)	D & C Green No. 5
D & C Green #6 K-7016 (Kohnstamm)	D & C Green No. 6
D & C Green #8 K-7157 (Kohnstamm)	D & C Green No. 8
D & C Green No. 3 Aluminum Lake	D & C Green No. 3
D & C Green No. 5	Aluminum Lake
D & C Green No. 6	D & C Green No. 5
D & C Green No. 8	D & C Green No. 6
	D & C Green No. 8
D & C Orange #4 Aluminum Lake K-7074 (Kohnstamm)	D & C Orange No. 4
D & C Orange #5 K-7003 (Kohnstamm)	Aluminum Lake
D & C Orange #17 Lake K-7081 (Kohnstamm)	D & C Orange No. 5
D & C Orange No. 4	D & C Orange No. 4
D & C Orange No. 4 Aluminum Lake	D & C Orange No. 4
D & C Orange No. 5	Aluminum Lake
	D & C Orange No. 5
D & C Orange No. 5 Aluminum Lake	D & C Orange No. 5
D & C Orange No. 5 Zirconium Lake	Aluminum Lake
D & C Orange No. 10	D & C Orange No. 5
D & C Orange No. 10 Aluminum Lake	Zirconium Lake
	D & C Orange No. 10
	D & C Orange No. 10
	Aluminum Lake

**D & C Orange No. 11**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
D & C Orange No. 11	D & C Orange No. 11
D & C Orange No. 17	D & C Orange No. 17
D & C Orange No. 17 Lake	D & C Orange No. 17 Lake
D & C Red #3 Aluminum Lake K-7002 (Kohnstamm)	D & C Red No. 3 Aluminum Lake
D & C Red #3 Aluminum Lake K-7966 (Kohnstamm)	D & C Red No. 3 Aluminum Lake
D & C Red #6 Barium Lake K-7096 (Kohnstamm)	D & C Red No. 6 Barium Lake
D & C Red #6 K-7034 (Kohnstamm)	D & C Red No. 6 Barium Lake
D & C Red #7 Calcium Lake K-7044 (Kohnstamm)	D & C Red No. 7 Calcium Lake
D & C Red #7 Calcium Lake K-7121 (Kohnstamm)	D & C Red No. 7 Calcium Lake
D & C Red #7 Calcium Lake K-7183 (Kohnstamm)	D & C Red No. 7 Calcium Lake
D & C Red #8 K-7043 (Kohnstamm)	D & C Red No. 8 Calcium Lake
D & C Red #9 Barium Lake K-7006 (Kohnstamm)	D & C Red No. 9 Barium Lake
D & C Red #10 Sodium Lake K-7090 (Kohnstamm)	D & C Red No. 10 Sodium Lake
D & C Red #11 Calcium Lake K-7066 (Kohnstamm)	D & C Red No. 11 Calcium Lake
D & C Red #11 Calcium Lake K-7082 (Kohnstamm)	D & C Red No. 11 Calcium Lake
D & C Red #12 K-7136 (Kohnstamm)	D & C Red No. 12 Calcium Lake
D & C Red #17 K-7007 (Kohnstamm)	D & C Red No. 17 Calcium Lake
D & C Red #19 K-7029 (Kohnstamm)	D & C Red No. 19 Calcium Lake
D & C Red #19 Aluminum Lake K-7040 (Kohnstamm)	D & C Red No. 19 Aluminum Lake
D & C Red #21 K-7061 (Kohnstamm)	D & C Red No. 21 Calcium Lake
D & C Red #21 Aluminum Lake K-7126 (Kohnstamm)	D & C Red No. 21 Aluminum Lake
D & C Red #22 K-7008 (Kohnstamm)	D & C Red No. 22 Aluminum Lake
D & C Red #27 K-7053 (Kohnstamm)	D & C Red No. 27 Aluminum Lake
D & C Red #27 Aluminum Lake K-7177 (Kohnstamm)	D & C Red No. 27 Aluminum Lake
D & C Red #28 K-7054 (Kohnstamm)	D & C Red No. 28 Aluminum Lake
D & C Red #30 Lake K-7094 (Kohnstamm)	D & C Red No. 30 Lake
D & C Red #30 Lake K-7156 (Kohnstamm)	D & C Red No. 30 Lake
D & C Red #31 K-7062 (Kohnstamm)	D & C Red No. 31 Calcium Lake
D & C Red #33 K-7057 (Kohnstamm)	D & C Red No. 33 Calcium Lake
D & C Red #34 Lake K-7122 (Kohnstamm)	D & C Red No. 34 Calcium Lake
D & C Red #36 K-7060 (Kohnstamm)	D & C Red No. 36 Calcium Lake
D & C Red #36 Lake K-7170 (Kohnstamm)	D & C Red No. 36 Lake
D & C Red #37 K-7028 (Kohnstamm)	D & C Red No. 37 Calcium Lake
D & C Red Mix 3334 (Thomasset)	D & C Red No. 7 Calcium Lake (and) FD & C Blue No. 1 Aluminum Lake (and) D & C Red No. 19 Aluminum Lake

**D & C Red No. 36**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
D & C Red No. 3 Aluminum Lake	D & C Red No. 3 Aluminum Lake
D & C Red No. 4 Aluminum Lake	D & C Red No. 4 Aluminum Lake
D & C Red No. 6	D & C Red No. 6 Aluminum Lake
D & C Red No. 6 Aluminum Lake	D & C Red No. 6 Aluminum Lake
D & C Red No. 6 Barium Lake	D & C Red No. 6 Barium Lake
D & C Red No. 7	D & C Red No. 7 Calcium Lake
D & C Red No. 7 Calcium Lake	D & C Red No. 7 Calcium Lake
D & C Red No. 7 Zirconium Lake	D & C Red No. 7 Zirconium Lake
D & C Red No. 8	D & C Red No. 8 Sodium Lake
D & C Red No. 8 Sodium Lake	D & C Red No. 8 Sodium Lake
D & C Red No. 9	D & C Red No. 9 Barium Lake
D & C Red No. 9 Barium Lake	D & C Red No. 9 Barium Lake
D & C Red No. 9 Barium/Strontium Lake	D & C Red No. 9 Barium/Strontium Lake
D & C Red No. 9 Zirconium Lake	D & C Red No. 9 Zirconium Lake
D & C Red No. 10	D & C Red No. 10 Aluminum Lake
D & C Red No. 10 Aluminum Lake	D & C Red No. 10 Aluminum Lake
D & C Red No. 10 Sodium Lake	D & C Red No. 10 Sodium Lake
D & C Red No. 11	D & C Red No. 11 Calcium Lake
D & C Red No. 11 Calcium Lake	D & C Red No. 11 Calcium Lake
D & C Red No. 12	D & C Red No. 12 Barium Lake
D & C Red No. 12 Barium Lake	D & C Red No. 12 Barium Lake
D & C Red No. 13	D & C Red No. 13 Strontium Lake
D & C Red No. 13 Strontium Lake	D & C Red No. 13 Strontium Lake
D & C Red No. 17	D & C Red No. 17 Calcium Lake
D & C Red No. 19	D & C Red No. 19 Aluminum Lake
D & C Red No. 19 Aluminum Lake	D & C Red No. 19 Aluminum Lake
D & C Red No. 19 Barium Lake	D & C Red No. 19 Barium Lake
D & C Red No. 19 Zirconium Lake	D & C Red No. 19 Zirconium Lake
D & C Red No. 21	D & C Red No. 21 Aluminum Lake
D & C Red No. 21 Aluminum Lake	D & C Red No. 21 Aluminum Lake
D & C Red No. 21 Zirconium Lake	D & C Red No. 21 Zirconium Lake
D & C Red No. 22	D & C Red No. 22 Aluminum Lake
D & C Red No. 27	D & C Red No. 27 Aluminum Lake
D & C Red No. 27 Aluminum Lake	D & C Red No. 27 Aluminum Lake
D & C Red No. 27 Barium Lake	D & C Red No. 27 Barium Lake
D & C Red No. 27 Zirconium Lake	D & C Red No. 27 Zirconium Lake
D & C Red No. 28	D & C Red No. 28 Calcium Lake
D & C Red No. 30	D & C Red No. 30 Calcium Lake
D & C Red No. 30 Lake	D & C Red No. 30 Lake
D & C Red No. 31	D & C Red No. 31 Calcium Lake
D & C Red No. 31 Calcium Lake	D & C Red No. 31 Calcium Lake
D & C Red No. 33	D & C Red No. 33 Calcium Lake
D & C Red No. 34	D & C Red No. 34 Calcium Lake
D & C Red No. 34 Calcium Lake	D & C Red No. 34 Calcium Lake
D & C Red No. 36	D & C Red No. 36 Calcium Lake

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## D & C Red No. 36 Lake

## Dermoil (Lanaetex)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
D & C Red No. 36 Lake	D & C Red No. 36 Lake
D & C Red No. 37	D & C Red No. 37
D & C Violet #2 K-7014 (Kohnstamm)	D & C Violet No. 2
D & C Violet No. 2	D & C Violet No. 2
D & C Yellow #5 Zirconium Lake K-7089 (Kohnstamm)	D & C Yellow No. 5 Zirconium Lake
D & C Yellow #6 Aluminum Lake K-7009 (Kohnstamm)	D & C Yellow No. 6 Aluminum Lake
D & C Yellow #7 K-7133 (Kohnstamm)	D & C Yellow No. 7
D & C Yellow #8 K-7005 (Kohnstamm)	D & C Yellow No. 8
D & C Yellow #10 Aluminum Lake K-7181 (Kohnstamm)	D & C Yellow No. 10 Aluminum Lake
D & C Yellow #10 K-7059 (Kohnstamm)	D & C Yellow No. 10
D & C Yellow #11 K-7064 (Kohnstamm)	D & C Yellow No. 11
D & C Yellow No. 5 Alum- inum Lake	D & C Yellow No. 5 Alum- inum Lake
D & C Yellow No. 5 Zir- conium Lake	D & C Yellow No. 5 Zir- conium Lake
D & C Yellow No. 6 Alum- inum Lake	D & C Yellow No. 6 Alum- inum Lake
D & C Yellow No. 7	D & C Yellow No. 7
D & C Yellow No. 8	D & C Yellow No. 8
D & C Yellow No. 10	D & C Yellow No. 10
D & C Yellow No. 10 Aluminum Lake	D & C Yellow No. 10 Aluminum Lake
D & C Yellow No. 11	D & C Yellow No. 11
DEA-Dodecylbenzenesul- fonate	DEA-Dodecylbenzenesul- fonate
DEA-Laureth Sulfate	DEA-Laureth Sulfate
DEA-Lauryl Sulfate	DEA-Lauryl Sulfate
DEA-Linoleate	DEA-Linoleate
DEA-Methyl Myristate Sulfonate	DEA-Methyl Myristate Sulfonate
DEA-Oleth-3 Phosphate	DEA-Oleth-3 Phosphate
DEA-Oleth-10 Phosphate	DEA-Oleth-10 Phosphate
DEA-Styrene/Acrylates/ Divinylbenzene Copolymer	DEA-Styrene/Acrylates/ Divinylbenzene Copolymer
Decaglycerol Tetraoleate	Polyglyceryl-10 Tetraoleate
Decaglyceryl Decalinoleate	Polyglyceryl-10 Decalinoleate
Decaglyceryl Decastearate n-Decanoic Acid	Polyglyceryl-10 Decastearate Capric Acid
n-Decanol	Decyl Alcohol
Decol	Diethanolamine Bisulfate
Decyl Alcohol	Decyl Alcohol
Decylamine Oxide	Decylamine Oxide
Decyl Betaine	Decyl Betaine
Decyl Dimethyl Amine Oxide	Decylamine Oxide
Decyl Dimethyl Glycine	Decyl Betaine
2-n-Decylmercapto-1- Methyl Imidazole	Decyl Mercaptomethylimi- dazole
Decyl Oleate	Decyl Oleate
Decyl Succinate	Decyl Succinate
Decyl Tetradecanol	Decyl Tetradecanol
Dehydag Wax E (Henkel)	Sodium Cetearyl Sulfate
*Dehydag Wax N (Henkel)	Cetearyl Alcohol (and) Sodium Cetearyl Sulfate
Dehydag Wax O (Henkel)	Cetearyl Alcohol
Dehydag Wax SX (Henkel)	Cetearyl Alcohol (and) Sodium Lauryl Sulfate
Dehydol LS-3 (Henkel)	Laureth-3
Dehydol 100 (Henkel)	Laureth-10
Dehydroacetic Acid	Dehydroacetic Acid

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Dehymuls E (Henkel)	Sorbitan Sesquioleate (and) Beeswax (and) Aluminum Stearate (and) and Other Ingredients
Dehymuls K (Henkel)	Petrolatum (and) Decyl Oleate (and) Sorbitan Ses- quioleate (and) Beeswax (and) Mineral Oil (and) Ceresin (and) Aluminum Stearate (and) and Other Ingredients
Dehyquart A (Henkel)	Cetrimonium Chloride
Dehyquart C (Henkel)	Laurylpyridinium Chloride
Dehyquart CDB (Henkel)	Cetalkonium Chloride
Dehyquart LT (Henkel)	Laurtrimonium Chloride
Dehyquart SP (Henkel)	Quaternium-52
*Dehyton AB-30 (Henkel)	Coco-Betaine
Dell Red (Sun)	D & C Red No. 21 Aluminum Lake
m-Delphene	N,N-Diethyl-m-Toluamide
Delsette 101 (Hercules)	Adipic Acid/Epoxypropyl Diethylenetriamine Copolymer
Deltyl Extra (Givaudan)	Isopropyl Myristate
Detyl Prime (Givaudan)	Isopropyl Palmitate
Demol EP (Kao Atlas)	Sodium C4-12 Olefin/Maleic Acid Copolymer
Denatonium Benzoate	Denatonium Benzoate
Denatured Alcohol	(See <i>SD Alcohol</i> )
Deodorized AAA Anhydrous Lanolin USP (Robinson- Wagner)	Lanolin
Deodorized Kerosene	Deodorized Kerosene
De-Oiled Lanolin	Lanolin Wax
Depthin B-5 70% CO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Castor Oil
Depthin B-7 70% CO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Castor Oil
Depthin B-30 70% AQ (Dimen- sional Pigments)	Bismuth Oxychloride (and) Water
Depthin B-30 70% CO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Castor Oil
Depthin B-30 70% MO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Mineral Oil
Depthin B-40 70% CO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Castor Oil
Depthin B-50 (Dimensional Pigments)	Bismuth Oxychloride
Depthin B-50 70% CO (Dimen- sional Pigments)	Bismuth Oxychloride (and) Castor Oil
Depthin B-300 (Dimensional Pigments)	Bismuth Oxychloride
Depthin BM-5 (Dimensional Pigments)	Bismuth Oxychloride (and) Mica
Depthin BM-50 (Dimen- sional Pigments)	Mica (and) Bismuth Oxy- chloride
Deriphath 151 (General Mills)	Sodium Cocaminopropionate
Deriphath 151C (General Mills)	Cocaminopropionic Acid
Deriphath 160 (General Mills)	Disodium Lauriminodipro- pionate
Deriphath 160C (General Mills)	Sodium Lauriminodipro- pionate
Deriphath 160-2 (General Mills)	Sodium Lauriminodipro- pionate
Deriphath 170 (General Mills)	Sodium Lauraminopro- pionate
Deriphath 170B (General Mills)	TEA-Lauraminopropionate
Deriphath 170C (General Mills)	Lauraminopropionic Acid
Dermoil (Lanaetex)	Mink Oil (and) Lanolin Oil

*Desert Red (Sun)*

*Diethanolammonium Polyoxyethylene (10)  
Oleyl Ether Phosphate*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Desert Red (Sun) Detergent 66 (Ideal)	D & C Red No. 9 Barium Lake Sodium Lauryl Sulfate
Dewaxed Lanolin Dexpanthenol Dextran Dextrin Dextrine	Lanolin Oil Panthenol Dextran Dextrin Dextrin
Dextrol XL-15 (Dexter) Dextrose Diacetin Diacetone Alcohol Dialuminum Tetrahydroxy- chloro Allantoinate	Chlorodeceth-14 Glucose Diacetin Diacetone Alcohol Alcoxa
2,4-Diaminoanisole	4-Methoxy-m-Phenylene- diamine
2,4-Diaminoanisole Sulfate	4-Methoxy-m-Phenylene- diamine Sulfate
2,4-Diaminodiphenylamine	2,4-Diaminodiphenyl- amine
4,4'-Diaminodiphenylamine 2,4-Diaminophenol	4,4'-Diaminodiphenylamine 2,4-Diaminophenol
2,4-Diaminophenol HCl 2,6-Diaminopyridine 4,4'-Diaminostilbene- 2,2'-Disulfonic Acid 3,4-Diaminotoluene 2,5-Diaminotoluene Sulfate	2,4-Diaminophenol HCl 2,6-Diaminopyridine Amsonic Acid  Toluene-3,4-Diamine Toluene-2,5-Diamine Sulfate
Diammonium Citrate Diammonium Hydrogen Phosphate Diammonium Phosphate Diamond Quality Castor Oil (Spencer-Kellogg) 2,5-Di-t-Amylhydroquinone	Diammonium Citrate Diammonium Phosphate  Diammonium Phosphate Castor Oil  Diamylhydroquinone
Diamyl Sodium Sulfosuccinate Diaphene (Pfister)	Diamyl Sodium Sulfosuccinate Dibromsalan (and) Tribrom- salan
Diatomaceous Earth Diatomaceous Silica Diatomite	Diatomaceous Earth Diatomaceous Earth Diatomaceous Earth
Dibactol (Fine Organics) Dibenzothiophene (Evans Chemetics) Dibromo C14-033 (Sun) *Dibromofluorescein	Myristalkonium Chloride Diphenylene Sulfide  D & C Orange No. 5 D & C Orange No. 5 (or) Solvent Red 72
2,6-Di-t-Butyl-p-Cresol Dibutylene Tetrafurfural Di-t-Butylhydroquinone Dibutyl Phthalate	BHT Dibutylene Tetrafurfural Di-t-Butylhydroquinone Dibutyl Phthalate
Dibutyl Sebacate Dicalcium Phosphate	Dibutyl Sebacate Dicalcium Phosphate (or) Dicalcium Phosphate Dihydrate
Dicalcium Phosphate An- hydrous Dicalcium Phosphate Dihy- drate Dicalite Speedex (Grefco)	Dicalcium Phosphate  Dicalcium Phosphate Dihydrate Diatomaceous Earth
Dicalite Superaid (Grefco) Dicalite 231 (Grefco) Dicapryl Adipate Dicetyl Adipate Dicetyl Thiodipropionate	Diatomaceous Earth Diatomaceous Earth Dicapryl Adipate Dicetyl Adipate Dicetyl Thiodipropionate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Dichlorodifluoromethane 1,2-Dichloroethane Dichloromethane Dichlorophene 1,6-Di(N-p-Chlorophenyl- diguano) Hexane	Chlorofluorocarbon 12 Ethylene Dichloride Methylene Chloride Dichlorophene Chlorhexidine
*1,2-Dichloro-1,1,2,2- tetrafluoroethane 4,4'-Dichloro-3-(Trifluoro- methyl) Carbanilide Dichloro-m-Xylenol Dichromium Trioxide Dicocamine Dicoco Dimethyl Ammonium Chloride	Chlorofluorocarbon 114  Cloflucarban  Dichloro-m-Xylenol Chromium Oxide Greens Dicocamine Quaternium-34
Dicrylan 325 WA-50 (Ciba- Geigy) Dicrylan 325-50 (Ciba-Geigy)	Acrylate/Acrylamide Co- polymer Acrylate/Acrylamide Co- polymer
Dicrylan 394 (Ciba-Geigy)	Acrylate/Acrylamide Co- polymer
Dicyclohexyl Sodium Sulfosuccinate Didecyl Dimethyl Am- monium Chloride Diethanolamine	Dicyclohexyl Sodium Sulfosuccinate Quaternium-12  Diethanolamine
Diethanolamine Bisulfate Diethanolamine Coconut Fatty Acid Condensate Diethanolamine Cocoyl Sarcosinamide Diethanolamine Dodecylben- zene Sulfonate Diethanolamine Lanolin Acid Amide	Diethanolamine Bisulfate Cocamide DEA  Cocoyl Sarcosinamide DEA  DEA-Dodecylbenzenesulfonate Lanolinamide DEA
Diethanolamine Lauric Acid Amide Diethanolamine Lauryl Ether Sulfate Diethanolamine Lauryl Sulfate Diethanolamine Linoleate Diethanolamine Linoleic Acid Amide	Lauramide DEA  DEA-Laureth Sulfate  DEA-Lauryl Sulfate DEA-Linoleate Linoleamide DEA
Diethanolamine Methyl Myristate Sulfonate Diethanolamine Myristic Acid Condensate Diethanolamine Oleic Acid Amide Diethanolamine Oleth-3 Phosphate Diethanolamine Oleth-10 Phosphate	DEA-Methyl Myristate Sulfonate Myristamide DEA  Oleamide DEA  DEA-Oleth-3 Phosphate DEA-Oleth-10 Phosphate
Diethanolamine Palmitic Acid Amide Diethanolamine Palm Kernel Oil Acid Amide Diethanolamine Palm Oil Acid Amide Diethanolamine Ricinoleic Acid Amide Diethanolamine Stearic Acid Amide	Palmitamide DEA  Palm Kernelamide DEA  Palmamide DEA  Ricinoleamide DEA Stearamide DEA
Diethanolamine Tall Oil Acid Amide Diethanolamine Tallow Acid Amide Diethanolammonium Linoleate Diethanolammonium Polyoxy- ethylene (3) Oleyl Ether Phosphate Diethanolammonium Polyoxy- ethylene (10) Oleyl Ether Phosphate	Tallamide DEA  Tallowamide DEA  DEA-Linoleate DEA-Oleth-3 Phosphate  DEA-Oleth-10 Phosphate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Diethylamine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Diethylamine	Diethylamine
Diethylaminoethyl PEG-5 Laurate	Diethylaminoethyl PEG-5 Laurate
*Diethylaminoethyl Stearamide	Stearamidoethyl Diethylamine
Diethylaminoethyl Stearamide Phosphate	Stearamidoethyl Diethylamine Phosphate
Diethylaminoethyl Stearate	Diethylaminoethyl Stearate
Diethylamino Methylcoumarin	Diethylamino Methylcoumarin
Diethylaminopropyl Palmitamide	Palmitamidopropyl Diethylamine
Diethyl Aspartate	Diethyl Aspartate
Diethyl Carbonate	Ethyl Carbonate
Diethylene Glycol	Diethylene Glycol
Diethylene Glycol Distearate	PEG-2 Distearate
Diethylene Glycol Mono-butyl Ether	Butoxydiglycol
Diethylene Glycol Mono-ethyl Ether	Ethoxydiglycol
Diethylene Glycol Mono-ethyl Ether Acetate	Ethoxydiglycol Acetate
Diethylene Glycol Monolaurate	PEG-2 Laurate
Diethylene Glycol Monolaurate Self-Emulsifying	PEG-2 Laurate SE
Diethylene Glycol Monomethyl Ether	Methoxydiglycol
Diethylene Glycol Monooleate	PEG-2 Oleate
Diethylene Glycol Monooleate Self-Emulsifying	PEG-2 Oleate SE
Diethylene Glycol Monophenyl Ether	Phenoxydiglycol
Diethylene Glycol Monoricinoleate	PEG-2 Ricinoleate
Diethylene Glycol Monostearate	PEG-2 Stearate
Diethylene Glycol Monostearate Self-Emulsifying	PEG-2 Stearate SE
Diethylene triaminepentacetic Acid	Pentetic Acid
Diethyl Ether	Ether
Diethyl Glutamate	Diethyl Glutamate
Di-(2-Ethylhexyl) Adipate	Diocetyl Adipate
Di-(2-Ethylhexyl) Amine	Diocetylamine
Di-(2-Ethylhexyl) Phthalate	Diocetyl Phthalate
Di-(2-Ethylhexyl) Sebacate	Diocetyl Sebacate
Di-(2-Ethylhexyl) Sodium Sulfosuccinate	Diocetyl Sodium Sulfosuccinate
Di-(2-Ethylhexyl) Succinate	Diocetyl Succinate
Diethyl Palmitoyl Aspartate	Diethyl Palmitoyl Aspartate
Diethyl Phthalate	Diethyl Phthalate
N,N-Diethyl-m-Toluamide	N,N-Diethyl-m-Toluamide
*1,1-Difluoroethane	Hydrofluorocarbon 152A
Digalloyl Trioleate	Digalloyl Trioleate
Diglyceryl Monooleyl Ether	Polyglyceryl-2 Oleyl Ether
Diglyceryl Sesquioleate	Polyglyceryl-2 Sesquioleate
Diglyceryl Tetrastearate	Polyglyceryl-2 Tetrastearate
Diglycol	Diethylene Glycol
Diglycol Laurate	PEG-2 Laurate
Diglycol Laurate ASE (Armak)	PEG-2 Laurate
Diglycol Laurate S (Glyco)	PEG-2 Laurate
Diglycol Monolaurate	PEG-2 Laurate
Diglycol Oleate	PEG-2 Oleate
Diglycol Stearate	PEG-2 Stearate
Diheptyl Sodium Sulfosuccinate	Diheptyl Sodium Sulfosuccinate

## Dimethylaminopropyl Oleamide Glycolate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Di-n-Hexadecyl Adipate	Dicetyl Adipate
Dihexyl Sodium Sulfosuccinate	Dihexyl Sodium Sulfosuccinate
Dihydroabietyl Alcohol	Dihydroabietyl Alcohol
Dihydroabietyl Methacrylate	Dihydroabietyl Methacrylate
Dihydrocholesterol	Dihydrocholesterol
Dihydrocholeth-15	Dihydrocholeth-15
Dihydrocholeth-30	Dihydrocholeth-30
Dihydroxyacetone	Dihydroxyacetone
Dihydroxyaluminum Aminoacetate	Aluminum Glycinate
1,2-Dihydroxybenzene	Pyrocatechol
2,4-Dihydroxybenzophenone	Benzophenone-1
2,2'-Dihydroxy-4,4'-Dimethoxybenzophenone	Benzophenone-6
1,3-Dihydroxydimethyl Ketone	Dihydroxyacetone
Dihydroxyethyl Cocamine Oxide	Dihydroxyethyl Cocamine Oxide
Dihydroxyethyl Stearamine Oxide	Dihydroxyethyl Stearamine Oxide
Dihydroxyethyl Tallow Amine Oxide	Dihydroxyethyl Tallow Amine Oxide
2,2'-Dihydroxy-4-Methoxybenzophenone	Benzophenone-8
1,5-Dihydroxynaphthalene	1,5-Naphthalenediol
2,3-Dihydroxynaphthalene	2,3-Naphthalenediol
2,7-Dihydroxynaphthalene	2,7-Naphthalenediol
*Diiodofluorescein	D & C Orange No. 10 (or) Solvent Red 73 ■
Diiodo Fluorescein 3110 (Thomasset)	D & C Orange No. 10
Diiodo Fluorescein 3210 (Thomasset)	D & C Orange No. 10
3,5-Diiodotyrosine	Diiodotyrosine
Diisobutyl Cresoxy Ethoxy Ethyl Dimethyl Benzyl Ammonium Chloride	Methylbenzethonium Chloride
Diisobutyl Phenoxy Ethoxy Ethyl Dimethyl Benzyl Ammonium Chloride	Benzethonium Chloride
Diisobutyl Sodium Sulfosuccinate	Diisobutyl Sodium Sulfosuccinate
Diisocetyl Adipate	Diisocetyl Adipate
Diisopropanolamine	Diisopropanolamine
Diisopropyl Adipate	Diisopropyl Adipate
Diisopropyl Sebacate	Diisopropyl Sebacate
Diisostearyl Adipate	Diisostearyl Adipate
Dilaurin	Glycerol Dilaurate
Dilauryl Dimethyl Ammonium Chloride	Quaternium-47
Dilauryl Thiodipropionate	Dilauryl Thiodipropionate
Dimer Acid	Dimer Acid
Dimethicone	Dimethicone
Dimethicone Copolyol	Dimethicone Copolyol
Dimethiconol	Dimethiconol
Dimethoxane	Dimethoxane
Dimethylaminoethyl Methacrylate	Dimethylaminoethyl Methacrylate
3-Dimethylaminopropylamine	3-Dimethylaminopropylamine
Dimethylaminopropyl Behenamide	Behenamidopropyl Dimethylamine
Dimethylaminopropyl Lauramide	Lauramidopropyl Dimethylamine
Dimethylaminopropyl Mink Fatty Acids Amide	Minkamidopropyl Dimethylamine
Dimethylaminopropyl Myristamide	Myristamidopropyl Dimethylamine
*Dimethylaminopropyl Oleamide	Oleamidopropyl Dimethylamine
Dimethylaminopropyl Oleamide Glycolate	Oleamidopropyl Dimethylamine Glycolate

## Dimethylaminopropyl Palmitamide

## Disodium Monolauramidulosulfosuccinate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Dimethylaminopropyl Palmitamide	Palmitamidopropyl Dimethylamine
*Dimethylaminopropyl Stearamide	Stearamidopropyl Dimethylamine
Dimethyl Brassylate	Dimethyl Brassylate
Dimethyl Cocamine	Dimethyl Cocamine
Dimethylcocoamine Oxide	Cocamine Oxide
Dimethyl Coconut Amine	Dimethyl Cocamine
Dimethyl Di(Hydrogenated Tallow) Ammonium Chloride	Quaternium-18
Dimethyl Dilauryl Ammonium Chloride	Quaternium-47
Dimethyl Dioctadecyl Ammonium Chloride	Quaternium-5
Dimethyl Ditallow Ammonium Chloride	Quaternium-48
5,5-Dimethyl Hydantoin	DM Hydantoin
Dimethyl Hydantoin Formaldehyde Resin	DMHF
Dimethyl Hydrogenated Tallow Amine	Dimethyl Hydrogenated Tallow Amine
Dimethyl Hydroxyethyl Cetyl Ammonium Chloride	Quaternium-44
Dimethyl Ketone	Acetone
Dimethyl Lauramine	Dimethyl Lauramine
Dimethyl Laurylamine	Dimethyl Lauramine
Dimethyl Myristamine	Dimethyl Myristamine
Dimethyl Myristylamine	Dimethyl Myristamine
Dimethyl Octynediol	Dimethyl Octynediol
1,3-Dimethylol-5,5-Dimethyl Hydantoin	DMDM Hydantoin
Dimethylol Ethylene Thiourea	Dimethylol Ethylene Thiourea
Dimethyl Palmitamine	Dimethyl Palmitamine
Dimethyl Palmitylamine	Dimethyl Palmitamine
N,N-Dimethyl-p-Phenylenediamine	N,N-Dimethyl-p-Phenylenediamine
Dimethyl Phosphate	Dimethyl Phosphate
Dimethyl Phthalate	Dimethyl Phthalate
Dimethylpolysiloxane	Dimethicone
Dimethyl Silicone	Dimethicone
Dimethylsiloxane-Glycol Copolymer	Dimethicone Copolyol
Dimethyl Siloxy Stearoxy Siloxane Polymer	Stearoxy Dimethicone
Dimethyl Soyamine	Dimethyl Soyamine
Dimethyl Stearamine	Dimethyl Stearamine
Dimethyl Stearylamine	Dimethyl Stearamine
Dimethyl Sulfate	Dimethyl Sulfate
Dimethyl Tallow Amine	Dimethyl Tallow Amine
N,N-Dimethyl-o-Toluidine	Dimethyl-o-Toluidine
1,3-Dimethylxanthine	Theophylline
Dimyristyl Thiodipropionate	Dimyristyl Thiodipropionate
2,4-Dinitro-6-Aminophenol	Picramic Acid
*2,4-Dinitro-1-Naphthol-7-Sulfonic Acid Sodium Salt	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■
2,5-Dinitrophenol	2,5-Dinitrophenol
Dinonyl Phenol	Dinonyl Phenol
Diethyl Adipate	Diethyl Adipate
Diethylamine	Diethylamine
Diethyl Phthalate	Diethyl Phthalate
Diethyl Sebacate	Diethyl Sebacate
Diethyl Sodium Sulfosuccinate	Diethyl Sodium Sulfosuccinate
Diethyl Succinate	Diethyl Succinate
Diol 400 (Union Carbide)	PPG-9

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Diol 1000 (Union Carbide)	PPG-15
Diol 2000 (Union Carbide)	PPG-26
Diol 4000 (Union Carbide)	PPG-30
Dioxybenzone	Benzophenone-8
DIPA	Diisopropanolamine
Dipentene	Dipentene
Dipentene No. 122 (Hercules)	Dipentene
2,5-Di-t-Pentylhydroquinone	Diamylhydroquinone
Diphenolic Acid	Diphenolic Acid
Diphenylene Sulfide	Diphenylene Sulfide
Diphenyl Methane	Diphenyl Methane
Dipotassium Phosphate	Dipotassium Phosphate
Di-1,2-Propylene Glycol	Dipropylene Glycol
Dipropylene Glycol Dibenzozate	PPG-2 Dibenzozate
Dipropylene Glycol Monomethyl Ether	PPG-2 Methyl Ether
Dipropylene Glycol Salicylate	PPG-2 Salicylate
Direct Black 38	Direct Black 38
Direct Black 131	Direct Black 131
Direct Blue 6	Direct Blue 6
Direct Brown 1	Direct Brown 1
Direct Brown 1A	Direct Brown 1:2
Direct Brown 1:2	Direct Brown 1:2
Direct Brown 2	Direct Brown 2
Direct Brown 31	Direct Brown 31
Direct Brown 154	Direct Brown 154
Direct Orange 6	Direct Orange 6
Direct Red 23	Direct Red 23
Direct Red 81	Direct Red 81
Direct Violet 48	Direct Violet 48
Direct Yellow 12	Direct Yellow 12
Direct Yellow 81	Direct Yellow 81
Disodium Cocoylmonoethanolamide Sulfosuccinate	Disodium Monococamido MEA-Sulfosuccinate
Disodium Dihydrogen Pyrophosphate	Disodium Pyrophosphate
Disodium Edetate	Disodium EDTA
Disodium EDTA	Disodium EDTA
Disodium EDTA-Copper	Disodium EDTA-Copper
Disodium [[N,N'-1,2-Ethanediybis [N-(Carboxymethyl) Glycinato]] (4)-N,N'-O,O',O <sup>N</sup> ,O <sup>N</sup> ] Cuprate (2-)	Disodium EDTA
Disodium Ethylenediaminetetraacetate	Disodium EDTA
Disodium Lauriminodipropionate	Disodium Lauriminodipropionate
Disodium N-Lauryl-β-Iminodipropionate	Disodium Lauriminodipropionate
Disodium Monocetearyl Sulfosuccinate	Disodium Monocetearyl Sulfosuccinate
Disodium Monococamido MEA-Sulfosuccinate	Disodium Monococamido MEA-Sulfosuccinate
Disodium Monococamido MIPA-Sulfosuccinate	Disodium Monococamido MIPA-Sulfosuccinate
Disodium Monococamidulosulfosuccinate	Disodium Monococamidulosulfosuccinate
Disodium Monodeceth-6 Sulfosuccinate	Disodium Monodeceth-6 Sulfosuccinate
Disodium Monoisodecyl Sulfosuccinate	Disodium Monoisodecyl Sulfosuccinate
Disodium Monolaneth-5 Sulfosuccinate	Disodium Monolaneth-5 Sulfosuccinate
Disodium Monolauramido MEA-Sulfosuccinate	Disodium Monolauramido MEA-Sulfosuccinate
Disodium Monolauramidulosulfosuccinate	Disodium Monolauramidulosulfosuccinate



## Disodium Monolaureth Sulfosuccinate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Disodium Monolaureth Sulfosuccinate	Disodium Monolaureth Sulfosuccinate
Disodium Monolauryl Sulfosuccinate	Disodium Monolauryl Sulfosuccinate
Disodium Monomyristamido MEA-Sulfosuccinate	Disodium Monomyristamido MEA-Sulfosuccinate
Disodium Monomyristamido-sulfosuccinate	Disodium Monomyristamido-sulfosuccinate
Disodium Monononoxynol-10 Sulfosuccinate	Disodium Monononoxynol-10 Sulfosuccinate
Disodium Monooleamido MIPA-Sulfosuccinate	Disodium Monooleamido MIPA-Sulfosuccinate
Disodium Monooleamidossulfosuccinate	Disodium Monooleamidossulfosuccinate
Disodium Monoricinoleamido MEA-Sulfosuccinate	Disodium Monoricinoleamido MEA-Sulfosuccinate
Disodium Monostearyl Sulfosuccinate	Disodium Monostearyl Sulfosuccinate
Disodium Monotallamido MEA-Sulfosuccinate	Disodium Monotallamido MEA-Sulfosuccinate
Disodium Monoundecylenamido MEA-Sulfosuccinate	Disodium Monoundecylenamido MEA-Sulfosuccinate
Disodium Myristamido MEA-Sulfosuccinate	Disodium Monomyristamido MEA-Sulfosuccinate
Disodium Oleamido MIPA-Sulfosuccinate	Disodium Monooleamido MIPA-Sulfosuccinate
Disodium Oleoyl Isopropanolamide Sulfosuccinate	Disodium Monooleamido MIPA-Sulfosuccinate
Disodium Orthophosphate	Disodium Phosphate
Disodium Phosphate	Disodium Phosphate
Disodium Pyrophosphate	Disodium Pyrophosphate
Disodium Ricinoleyl Monoethanolamide Sulfosuccinate	Disodium Monoricinoleamido MEA-Sulfosuccinate
Disodium Undecylenoyl Monoethanolamide Sulfosuccinate	Disodium Monoundecylenamido MEA-Sulfosuccinate
Disoyamine	Disoyamine
Dispal (Conoco)	Alumina
Disperse Blue 1	Disperse Blue 1
Disperse Blue 3	Disperse Blue 3
Disperse Red 1	Disperse Red 1
Disperse Red 11	Disperse Red 11
Disperse Red 17	Disperse Red 17
Disperse Violet 4	Disperse Violet 4
Disperse Yellow 1	Disperse Yellow 1
Disperse Yellow 3	Disperse Yellow 3
Distearyl Dimethyl Ammonium Chloride	Quaternium-5
Distearyl Thiodipropionate	Distearyl Thiodipropionate
Ditallow Dimethyl Ammonium Chloride	Quaternium-48
Di-TEA-Palmitoyl Aspartate	Di-TEA-Palmitoyl Aspartate
2,5-Ditertiary Butyl Hydroquinone	Di-t-Butylhydroquinone
Ditridecyl Sodium Sulfosuccinate	Ditridecyl Sodium Sulfosuccinate
Di(Tridecyl) Thiodipropionate	Ditridecyl Thiodipropionate
Ditridecyl Thiodipropionate	Ditridecyl Thiodipropionate
DMDM Hydantoin	DMDM Hydantoin
DMHF	DMHF
DM Hydantoin	DM Hydantoin
n-Docosanoic Acid	Behenic Acid
Dodecahydrosqualene	Squalane
n-Dodecanoic Acid	Lauric Acid
1-Dodecanol	Lauryl Alcohol
Dodecylamine	Lauramine
Dodecyl Ammonium Sulfate	Ammonium Lauryl Sulfate
Dodecylbenzene Sulfonic Acid	Dodecylbenzene Sulfonic Acid

## Dow Corning 556 Fluid (Dow Corning)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Dodecylbenzyl Triethanolammonium Chloride	Quaternium-30
Dodecylbenzyl Trimethyl Ammonium Chloride	Quaternium-28
Dodecyl Dimethyl Ethylbenzyl Ammonium Chloride	Quaternium-14
Dodecyldimethyl (2-Phenoxyethyl) Ammonium Bromide	Domiphen Bromide
Dodecyl Gallate	Dodecyl Gallate
2-Dodecyl Tetradecanol	2-Dodecyl Tetradecanol
Dodecylxylyl Bis (Trimethyl Ammonium Chloride)	Quaternium-29
Dodoxynol-5	Dodoxynol-5
Dodoxynol-6	Dodoxynol-6
Dodoxynol-7	Dodoxynol-7
Dodoxynol-9	Dodoxynol-9
Dodoxynol-12	Dodoxynol-12
'DOM' Colloidal Kaolin (Chrystal)	Kaolin
Domiphen Bromide	Domiphen Bromide
Dowanol DPM (Dow)	PPG-2 Methyl Ether Butoxyethanol
Dowanol EB (Dow)	
Dowanol EE (Dow)	Ethoxyethanol
Dowanol EM (Dow)	Methoxyethanol
Dowanol EPH (Dow)	Phenoxyethanol
Dowanol PIB-T (Dow)	Isobutoxypropanol
Dowanol PM (Dow)	Methoxypropanol
Dowanol TPM (Dow)	PPG-3 Methyl Ether
Dow Corning Antifoam FG-10 Emulsion (Dow Corning)	Simethicone
Dow Corning F-6-7085 Wax (Dow Corning)	Hexadecyl Methicone
Dow Corning F-157 Wax (Dow Corning)	Stearoxy Dimethicone
Dow Corning F-157A Wax (Dow Corning)	Stearoxy Dimethicone
Dow Corning F-218A Fluid (Dow Corning)	Cyclomethicone
Dow Corning F-13597 Fluid (Dow Corning)	Cyclomethicone
Dow Corning Medical Antifoam A Compound (Dow Corning)	Simethicone
Dow Corning Medical Antifoam AF Emulsion (Dow Corning)	Simethicone
Dow Corning Medical Antifoam C Emulsion (Dow Corning)	Simethicone
Dow Corning Medical Fluid 360 (Dow Corning)	Dimethicone
Dow Corning Q-2-1053 Fluid (Dow Corning)	Cyclomethicone
Dow Corning Q-2-2523 Wax (Dow Corning)	Stearoxy Dimethicone
Dow Corning 200 Fluid (Dow Corning)	Dimethicone
Dow Corning 225 Fluid (Dow Corning)	Dimethicone
Dow Corning 344 Fluid (Dow Corning)	Cyclomethicone
Dow Corning 345 Fluid (Dow Corning)	Cyclomethicone
Dow Corning 470A Fluid (Dow Corning)	Dimethicone Copolyol
Dow Corning 472 Fluid (Dow Corning)	Dimethicone Copolyol
Dow Corning 473 Fluid (Dow Corning)	Dimethicone Copolyol
Dow Corning 556 Fluid (Dow Corning)	Phenyl Dimethicone

**Dow Corning 929 Cationic Emulsion  
(Dow Corning)**

**Egg Yolk Solids Type Y-1 (Henningsen)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Dow Corning 929 Cationic Emulsion (Dow Corning)	Amodimethicone (and) Tallow-trimonium Chloride (and) Nonoxynol-10
Dow Corning 1107 Fluid (Dow Corning)	Methicone
Dow HCB (Dow)	Benzophenone-7
Dowicide A (Dow)	Sodium o-Phenyl Phenate
Dowicide A Flakes (Dow)	Sodium o-Phenyl Phenate
Dowicide 1 (Dow)	o-Phenylphenol
Dowicil 100 (Dow)	Quaternium-15
Dowicil 200 (Dow)	Quaternium-15
Dragil 2/027011 (Dragoco)	Glycol Stearate
Dragocid Forte 2/027045 (Dragoco)	Ethoxydiglycol (and) Diisopropyl Adipate (and) Methylparaben (and) Dehydroacetic Acid (and) Isopropyl Sorbate (and) Propylparaben
Drakeol 5 (Penreco)	Mineral Oil
Drakeol 6 (Penreco)	Mineral Oil
Drakeol 7 (Penreco)	Mineral Oil
Drakeol 8 (Penreco)	Mineral Oil
Drakeol 9 (Penreco)	Mineral Oil
Drakeol 10 (Penreco)	Mineral Oil
Drakeol 13 (Penreco)	Mineral Oil
Drakeol 15 (Penreco)	Mineral Oil
Drakeol 19 (Penreco)	Mineral Oil
Drakeol 21 (Penreco)	Mineral Oil
Drakeol 32 (Penreco)	Mineral Oil
Drakeol 33 (Penreco)	Mineral Oil
Drakeol 35 (Penreco)	Mineral Oil
Draketex 50 (Penreco)	Mineral Oil
*Drewmulse CNO (PVO)	Glyceryl Cocoate
Drewmulse GMO (PVO)	Glyceryl Oleate
Drewmulse HM-100 (PVO)	Glyceryl Stearate (and) PEG-40 Stearate
Drewmulse PGML (PVO)	Propylene Glycol Laurate
Drewmulse POE-SML (PVO)	Polysorbate 20
Drewmulse POE-SMO (PVO)	Polysorbate 80
Drewmulse POE-SMS (PVO)	Polysorbate 60
Drewmulse POE-STS (PVO)	Polysorbate 65
Drewmulse TP (PVO)	Glyceryl Stearate
Drewmulse V (PVO)	Glyceryl Stearate
*Drewmulse V-SE (PVO)	Glyceryl Stearate SE
*Drewmulse 75 (PVO)	Glyceryl Cocoate
Drewmulse 1128 (PVO)	Glyceryl Stearate (and) PEG-120 Glyceryl Stearate (and) PEG-120 Propylene Glycol Stearate
Drewmulse 1129 (PVO)	Glyceryl Stearate (and) PEG-90 Stearate
Drewpol 10-4-O (PVO)	Polyglyceryl-10 Tetraoleate
Drewpol 10-10-LN (PVO)	Polyglyceryl-10 Decalinoleate
Drewpol 10-10-O (PVO)	Polyglyceryl-10 Decaoleate
*Drewpol 10-10-S (PVO)	Polyglyceryl-10 Decastearate
Dried Egg White	Albumen
Dried Egg Yolk	Dried Egg Yolk
Drosera	Drosera
*Drosera Extract	Drosera Extract
Dry Flo (National Starch)	Aluminum Starch Octenylsuccinate
Drymet Fines (Cowles)	Sodium Metasilicate
Duponol C (DuPont)	Sodium Lauryl Sulfate
Duponol EL (DuPont)	TEA-Lauryl Sulfate
Duponol EP (DuPont)	DEA-Lauryl Sulfate
Duponol ME Dry (DuPont)	Sodium Lauryl Sulfate
Duponol QC (DuPont)	Sodium Lauryl Sulfate
Duponol QZ (DuPont)	Sodium Lauryl Sulfate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Duponol W (DuPont)	Sodium Cetyl Sulfate
Duponol WA Dry (DuPont)	Sodium Lauryl Sulfate
Duponol WA Paste (DuPont)	Sodium Lauryl Sulfate
Duponol WAQ (DuPont)	Sodium Lauryl Sulfate
Duponol WAQA (DuPont)	Sodium Lauryl Sulfate
Duponol WAQE (DuPont)	Sodium Lauryl Sulfate
Duponol WAQM (DuPont)	Sodium Lauryl Sulfate
Duponol WAT (DuPont)	TEA-Lauryl Sulfate (and) TEA-Oleyl Sulfate
Duron Ozokerite 71/74 (Dura)	Ozokerite
Duron Ozokerite 4350 (Dura)	Ozokerite
Duron Petroleum Micro Wax 175/180 (Dura)	Synthetic Wax
*Duron White 195-D Wax (Dura)	Synthetic Wax
Duron 180-D Wax (Dura)	Synthetic Wax
Duron 195-F Wax (Dura)	Synthetic Wax
Duroxon J324 AM (Dura)	Synthetic Wax
Duroxon J324 ST (Dura)	Synthetic Wax
Duroxon J324 V (Dura)	Synthetic Wax

— E —

E-153 Opacifier (Morton)	Ammonium Styrene/Acrylate Copolymer (and) Trideceth-15 (and) Sodium Lauryl Sulfate
E-284 Opacifier (Morton)	DEA-Styrene/Acrylates/Divinylbenzene Copolymer (and) Ammonium Nonoxynol-4 Sulfate
E-288 Opacifier (Morton)	DEA-Styrene/Acrylates/Divinylbenzene Copolymer (and) Ammonium Nonoxynol-4 Sulfate (and) Diethanolamine
E-295 Opacifier (Morton)	Sodium Styrene/Acrylates/Divinylbenzene Copolymer (and) Ammonium Nonoxynol-4 Sulfate
E-300 Opacifier (Morton)	Sodium Styrene/Acrylate/PEG-10 Dimaleate Copolymer (and) Ammonium Nonoxynol-4 Sulfate
E-305 Opacifier (Morton)	Sodium Styrene/PEG-10 Maleate/Nonoxynol-10 Maleate/Acrylate Copolymer (and) Ammonium Nonoxynol-4 Sulfate
E-308 Opacifier (Morton)	Styrene/Acrylamide Copolymer (and) Ammonium Nonoxynol-4 Sulfate
EALCAM (Schuykill)	Cetyl Alcohol (and) Alcloxa
Echinacea Root Extract	Coneflower Extract
Edamin S (Humko Sheffield)	Hydrolyzed Milk Protein
Edetate Sodium	Tetrasodium EDTA
Edetate Trisodium	Trisodium EDTA
Edetic Acid	EDTA
EDTA	EDTA
EE Hard Fat Flakes (Swift Edible Oils)	Hydrogenated Cottonseed Oil
Egg	Egg
Egg Albumin	Albumen
Egg Oil	Egg Oil
Egg Powder	Egg Powder
*Egg Solids (Whole Powder)	Egg Powder
Egg White Solids Type P-20 (Henningsen)	Albumen
*Egg (Whole) Powder	Egg Powder
Egg Yolk Solids Type Y-1 (Henningsen)	Dried Egg Yolk

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
5,8,11,14-Eicosatetraenoic Acid	Arachidonic Acid	Emerest 2325 (Malmstrom)	Butyl Stearate
Elder Flower Extract	Sambucus Extract	Emerest 2340 (Malmstrom)	Dimethyl Brassylate
Elder Flower Water Concentrate #22 (Rhodia)	Polysorbate-20 (and) Ethoxydiglycol (and) Rose Water (and) Sambucus Extract (and) Lovage Oil (and) Parsley Seed Oil (and) Rue Oil	Emerest 2350 (Malmstrom)	Glycol Stearate
Elder Flowers	Sambucus	Emerest 2355 (Malmstrom)	Glycol Distearate
Electros Colloidal Kaolin (Chrystal)	Kaolin	Emerest 2360 (Malmstrom)	PEG-2 Stearate
Elvanol (DuPont)	Polyvinyl Alcohol	Emerest 2361 (Malmstrom)	PEG-2 Stearate SE
EMA-91 (Monsanto)	Ethylene/Maleic Anhydride Copolymer	Emerest 2380 (Malmstrom)	Propylene Glycol Stearate
Emalex DNP-5 (Nihon Emulsion)	Nonyl Nonoxynol-5	*Emerest 2381 (Malmstrom)	Propylene Glycol Stearate SE
Emalex EG-2854 (OL) (Nihon Emulsion)	PEG-3 Sorbitan Oleate	Emerest 2384 (Malmstrom)	Propylene Glycol Isostearate
Emalex HC-30 (Nihon Emulsion)	PEG-30 Hydrogenated Castor Oil	Emerest 2387 (Malmstrom)	Propylene Glycol Dipelargonate
Emalex 103 (Nihon Emulsion)	PEG-3 Sorbitan Oleate	Emerest 2388 (Malmstrom)	Propylene Glycol Dipelargonate
Emalex 125 (Nihon Emulsion)	Ceteth-25	Emerest 2389 (Malmstrom)	Propylene Glycol Isostearate
Emalex 200 (Nihon Emulsion)	PEG-2 Oleate	Emerest 2400 (Malmstrom)	Glyceryl Stearate
Emalex 515 (Nihon Emulsion)	Oleth-15	Emerest 2401 (Malmstrom)	Glyceryl Stearate
Emalex 515P (Nihon Emulsion)	Oleth-15	Emerest 2403 (Malmstrom)	Glyceryl Stearate (and) Sodium Lauryl Sulfate
Emalex 523 (Nihon Emulsion)	Oleth-23	*Emerest 2407 (Malmstrom)	Glyceryl Stearate SE
Emalex 703 (Nihon Emulsion)	Laureth-3	Emerest 2408 (Malmstrom)	Glyceryl Stearate (and) PEG-50 Stearate
Emalex 720 (Nihon Emulsion)	Laureth-20	Emerest 2410 (Malmstrom)	Glyceryl Isostearate
Embanox BHA (Rhodia)	BHA	Emerest 2421 (Malmstrom)	Glyceryl Oleate
Embanox 2 (Rhodia)	Vegetable Oil (and) BHT (and) BHA	Emerest 2423 (Malmstrom)	Triolein
Embanox 3 (Rhodia)	Propylene Glycol (and) BHA (and) Propyl Gallate (and) Citric Acid	Emerest 2441 (Malmstrom)	PEG-5 Hydrogenated Corn Glycerides
Embanox 4 (Rhodia)	Propylene Glycol (and) BHA (and) Citric Acid	Emerest 2452 (Malmstrom)	Polyglyceryl-3 Diisostearate
Embanox 5 (Rhodia)	Vegetable Oil (and) BHA	Emerest 2620 (Malmstrom)	PEG-4 Laurate
Embanox 6 (Rhodia)	Propylene Glycol (and) BHA (and) Citric Acid (and) Propyl Gallate	Emerest 2622 (Malmstrom)	PEG-4 Dilaurate
Embanox 7 (Rhodia)	BHA (and) Dodecyl Gallate	Emerest 2640 (Malmstrom)	PEG-8 Stearate
Embo (General Mills)	Wheat Germ	Emerest 2642 (Malmstrom)	PEG-8 Distearate
Emcol CC-9 (Witco)	Quaternium-6	Emerest 2646 (Malmstrom)	PEG-8 Oleate
Emcol CC-36 (Witco)	Quaternium-20	Emerest 2648 (Malmstrom)	PEG-8 Dioleate
Emcol CC-42 (Witco)	Quaternium-21	Emerest 2650 (Malmstrom)	PEG-8 Laurate
Emcol CC37-18 (Witco)	Coco-Betaine	Emerest 2652 (Malmstrom)	PEG-8 Dilaurate
Emcol CMCD (Witco)	Amphoteric-2	Emerest 2660 (Malmstrom)	PEG-12 Oleate
Emcol E-607L (Witco)	Lapyrium Chloride	Emerest 2664 (Malmstrom)	PEG-12 Isostearate
Emcol E-607S (Witco)	Quaternium-7	Emerest 2672 (Malmstrom)	PEG-40 Stearate
Emcol F-27-85 (Witco)	Hydrogenated Vegetable Glycerides Phosphate	Emerest 5921 (Malmstrom)	PEG-16 Hydrogenated Castor Oil
Emcol PPG 400 (Witco)	PPG-9	Emerest 5922 (Malmstrom)	PEG-25 Hydrogenated Castor Oil
Emcol 4100M (Witco)	Disodium Monomyristamid-sulfosuccinate	Emersal 6400 (Malmstrom)	Sodium Lauryl Sulfate
Emcol 4161L (Witco)	Disodium Monooleamid-sulfosuccinate	Emersal 6430 (Malmstrom)	Ammonium Lauryl Sulfate
Emcol 4300 (Witco)	Disodium Monolaurethsulfosuccinate	Emersal 6434 (Malmstrom)	TEA-Lauryl Sulfate
EmCon E (Fanning)	Egg Oil	Emersal 6453 (Malmstrom)	Sodium Laureth Sulfate
EmCon G (Fanning)	Polyglyceryl Sorbitol	Emersal 6462 (Malmstrom)	Sodium Decyl Sulfate
EmCon W (Fanning)	Wheat Germ Oil	Emersol 120 (Emery)	Stearic Acid
Emerest 2310 (Malmstrom)	Isopropyl Isostearate	Emersol 132 (Emery)	Stearic Acid
Emerest 2314 (Malmstrom)	Isopropyl Myristate	Emersol 140 (Emery)	Palmitic Acid
Emerest 2315 (Malmstrom)	Isopropyl Myristate (and) Isopropyl Palmitate	Emersol 142 (Emery)	Palmitic Acid
Emerest 2316 (Malmstrom)	Isopropyl Palmitate	Emersol 144 (Emery)	Palmitic Acid
Emerest 2318 (Malmstrom)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate	Emersol 150 (Emery)	Stearic Acid
		Emersol 210 (Emery)	Oleic Acid
		Emersol 213 (Emery)	Oleic Acid
		Emersol 221 (Emery)	Oleic Acid
		Emersol 233LL (Emery)	Oleic Acid
		Emersol 310 (Emery)	Linoleic Acid
		Emersol 315 (Emery)	Linoleic Acid
		Emersol 871 (Emery)	Isostearic Acid
		Emersol 875 (Emery)	Isostearic Acid
		Emersol 6321 (Emery)	Oleic Acid
		Emerwax 1253 (Malmstrom)	Microcrystalline Wax (and) Other Ingredients
		Emery 425 (Emery)	Palmitic Acid
		Emery 622 (Emery)	Coconut Acid
		Emery 626 (Emery)	Coconut Acid
		Emery 655 (Emery)	Myristic Acid
		Emery 2242 (Emery)	Methyl Hydroxystearate
		Emery 2423 (Emery)	Triolein
		Emery 6802 (Malmstrom)	Oleth-20

**Emery 9820 (Anhydrous Gelling Agent)  
(Malmstrom)**

**Estol 212 (Price's)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Emery 9820 (Anhydrous Gelling Agent) (Malmstrom)	Mineral Oil (and) and Other Ingredients
Emid 6500 (Malmstrom)	Cocamide MEA
Emid 6510 (Malmstrom)	Lauramide DEA
Emid 6511 (Malmstrom)	Lauramide DEA
Emid 6515 (Malmstrom)	Cocamide DEA
Emid 6531 (Malmstrom)	Cocamide DEA
Emphos CS-1361 (Witco)	Sodium Nonoxynol-9 Phosphate
Emphos F27-85 (Witco)	Hydrogenated Vegetable Glycerides Phosphate
Empicol ESB30 (Marchon)	Sodium Laureth Sulfate
Empilan CDE (Marchon)	Cocamide DEA
Empilan LIS (Marchon)	Lauramide MIPA
Emplex (Patterson)	Sodium Stearoyl Lactylate
Empol 1010 (Emery)	Dimer Acid
Empol 1014 (Emery)	Dimer Acid
Empol 1016 (Emery)	Dimer Acid
Empol 1018 (Emery)	Dimer Acid
Empol 1022 (Emery)	Dimer Acid
Empol 1024 (Emery)	Dimer Acid
Empol 1040 (Emery)	Trimer Acid
Empol 1041 (Emery)	Trimer Acid
Emsorb 2500 (Malmstrom)	Sorbitan Oleate
Emsorb 2502 (Malmstrom)	Sorbitan Sesquioleate
Emsorb 2503 (Malmstrom)	Sorbitan Trioleate
Emsorb 2505 (Malmstrom)	Sorbitan Stearate
Emsorb 2507 (Malmstrom)	Sorbitan Tristearate
Emsorb 2510 (Malmstrom)	Sorbitan Palmitate
Emsorb 2515 (Malmstrom)	Sorbitan Laurate
Emsorb 2518 (Malmstrom)	Sorbitan Sesquiisostearate
Emsorb 2519 (Malmstrom)	Sorbitan Triisostearate
Emsorb 6900 (Malmstrom)	Polysorbate 80
Emsorb 6901 (Malmstrom)	Polysorbate 81
Emsorb 6903 (Malmstrom)	Polysorbate 85
Emsorb 6905 (Malmstrom)	Polysorbate 60
Emsorb 6906 (Malmstrom)	Polysorbate 61
Emsorb 6907 (Malmstrom)	Polysorbate 65
Emsorb 6910 (Malmstrom)	Polysorbate 40
Emsorb 6912 (Malmstrom)	PEG-20 Sorbitan Isostearate
Emsorb 6915 (Malmstrom)	Polysorbate 20
Emulan (Emlin)	Mink Oil
Emulgade F (Henkel)	Cetearyl Alcohol (and) PEG-40 Castor Oil (and) Sodium Cetearyl Sulfate
Emulgade F Special (Henkel)	Cetearyl Alcohol (and) PEG-40 Castor Oil
Emulphogene BC-420 (GAF)	Trideceth-3
Emulphogene BC-610 (GAF)	Trideceth-6
Emulphogene BC-720 (GAF)	Trideceth-10
Emulphor AM-310 (GAF)	Isosteareth-2
Emulphor AM-650 (GAF)	Isosteareth-10
Emulphor EL-620 (GAF)	PEG-30 Castor Oil
Emulphor EL-719 (GAF)	PEG-40 Castor Oil
Emulphor ON-870 (GAF)	Oleth-20
Emulphor VN-430 (GAF)	PEG-5 Oleate
Emulsifier No. 104 (Procter & Gamble)	Sodium Lauryl Sulfate
Emulsifier 780 (Dynamit Nobel)	Glyceryl Isostearate
Emulsifying Agent 2/014086 (Dragoco)	Glycol Stearate (and) Polysorbate-60 (and) Cetyl Alcohol (and) Sorbitan Stearate
Emulsilan (Malmstrom)	Lanolin (and) PEG-8 Stearate (and) Glyceryl Stearate
Emulsynt VL (Van Dyk)	Polyglyceryl-4 Cocoate
Emulsynt VS (Van Dyk)	Polyglyceryl-4 Cocoate
Emulsynt 505 (Van Dyk)	PEG-2 Palmitamide

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Emulsynt 600 (Van Dyk)	PEG-8 Dioleate
Emulsynt 610-A (Van Dyk)	PEG-8 Cocoate
Emulsynt 900 (Van Dyk)	PEG-8 Propylene Glycol Cocoate
Emulsynt 910 (Van Dyk)	PEG-32 Oleate
Emulsynt 1055 (Van Dyk)	Polyglyceryl-4 Oleate (and) PEG-8 Propylene Glycol Cocoate
Emulsynt 2400 (Van Dyk)	PEG-8 Laurate (and) PEG-4 Oleate
ENCAL (Schuykill)	Cetyl Alcohol (and) Allantoin
Encapsulated Alcloxa (Schuykill)	Cetyl Alcohol (and) Alcloxa
Encapsulated Allantoin (Schuykill)	Cetyl Alcohol (and) Allantoin
Eneltone Gel TRS (NL Industries)	Dimethicone (and) Trihydroxystearin
English Chamomile Oil	Chamomile Oil
English Chamomile Extract	Chamomile Extract
English Chamomile Oil	Chamomile Oil
English Fullers Earth	Fullers Earth
English Oak Extract	English Oak Extract
*Eosin YS	D & C Red No. 22 (or) Acid Red 87 ■
*Eosine G	D & C Red No. 22 (or) Acid Red 87 ■
Epolene (Eastman)	Polyethylene
Ergocalciferol	Ergocalciferol
Erie Brown 3GN (Allied)	Direct Brown 154
Ervol White Mineral Oil (Witco)	Mineral Oil
Erythorbic Acid	Erythorbic Acid
*Erythrosine	FD & C Red No. 3 (or) Acid Red 51 ■
*Erythrosine Yellowish NA	D & C Orange No. 11 (or) Acid Red 95 ■
Erytrosin (Sweden)	FD & C Red No. 3 (or) Acid Red 51 ■
Esbeco Paraffin Wax #100 (Stevenson)	Paraffin
Escalol 106 (Van Dyk)	Glyceryl PABA
Escalol 506 (Van Dyk)	Amyl Dimethyl PABA
Escalol 507 (Van Dyk)	Octyl Dimethyl PABA
Escin	Escin
Esculin	Esculin
Esculoside	Esculin
Eshelan 104 (Nippon Fine Chemicals)	Isocetyl Palmitate
Eshelan 118-D (Nippon Fine Chemicals)	Isostearyl Palmitate
Eshelan 218-D (Nippon Fine Chemicals)	Diisostearyl Adipate
Eskar Wax MY-65 (Amoco)	Microcrystalline Wax
Eskar Wax R-25 (Amoco)	Paraffin
Eskar Wax R-35 (Amoco)	Paraffin
Eskar Wax R-40 (Amoco)	Paraffin
Eskar Wax R-45 (Amoco)	Paraffin
Esterlan (Malmstrom)	Isopropyl Lanolate (and) Lanolin
Estol 002 (Price's)	Methyl Oleate
Estol 081 (Price's)	Isopropyl Myristate
Estol 103 (Price's)	Isopropyl Palmitate
Estol 119 (Price's)	Butyl Stearate
Estol 140 (Price's)	Octyl Stearate
Estol 211 (Price's)	Glyceryl Oleate
Estol 212 (Price's)	Isopropyl Oleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Estol 313 (Price's)	Diethyl Phthalate	Ethoxol 20 (Lanaetex)	Oleth-20
Estol 424 (Price's)	Triacetin	Ethoxychol-24 (Lanaetex)	Choleth-24
Estol 432 (Price's)	Diacetin	Ethoxydiglycol	Ethoxydiglycol
Estol 603 (Price's)	Glyceryl Stearate	Ethoxydiglycol Acetate	Ethoxydiglycol Acetate
Estol 606 (Price's)	Glyceryl Stearate SE	Ethoxyethanol	Ethoxyethanol
		Ethoxyethanol Acetate	Ethoxyethanol Acetate
Ethanolamine	Ethanolamine	2-Ethoxyethyl-p-Methoxy-	Cinoxate
Ethanolamine Dithiodiglycolate	Ethanolamine Dithiodi-	cinnamate	
	glycolate	Ethoxygel 50 (Malmstrom)	PEG-40 Lanolin
Ethanolamine Thioglycolate	Ethanolamine Thioglycolate	Ethoxygel 100 (Malmstrom)	PEG-40 Lanolin
Ethanolaminoethyl	Stearamidoethyl Ethanol-	3-Ethoxy-4-Hydroxybenzal-	Ethyl Vanillin
Stearamide	amine	dehyde	
		Ethoxylan 50 (Malmstrom)	PEG-75 Lanolin
Ethanol, Denatured	(See <i>SD Alcohol</i> )	Ethoxylan 100 (Malmstrom)	PEG-75 Lanolin
Ethanol, Undenatured	Alcohol		
Ether	Ether	Ethoxyol AC (Malmstrom)	Laneth-10 Acetate
Ethiodized Oil	Ethiodized Oil	Ethoxyol-5 (Malmstrom)	Laneth-5
Ethocel (Dow)	Ethylcellulose	Ethoxyol-16 (Malmstrom)	Laneth-16
		Ethoxyol-16R (Malmstrom)	Laneth-16
Ethoduomeen T/13 (Armak)	PEG-3 Tallow Aminopropyl-	Ethoxyol-24 (Malmstrom)	PEG-24 Hydrogenated
	amine		Lanolin
Ethoduomeen T/20 (Armak)	PEG-10 Tallow Amino-		
	propylamine	Ethoxyol-40 (Malmstrom)	Laneth-40
Ethoduomeen T/25 (Armak)	PEG-15 Tallow Amino-	Ethyl Acetate	Ethyl Acetate
	propylamine	Ethyl Alcohol, Denatured	(See <i>SD Alcohol</i> )
Ethofat C/15 (Armak)	PEG-5 Cocoate	Ethyl Alcohol, Undenatured	Alcohol
Ethofat C/25 (Armak)	PEG-15 Cocoate	Ethylan (Robinson-Wagner)	Isopropyl Lanolate
Ethofat O/15 (Armak)	PEG-5 Oleate	Ethyl Aspartate	Ethyl Aspartate
Ethofat O/20 (Armak)	PEG-10 Oleate	Ethyl Carbonate	Ethyl Carbonate
Ethofat 60/15 (Armak)	PEG-5 Stearate	Ethylcellulose	Ethylcellulose
Ethofat 60/20 (Armak)	PEG-10 Stearate	N-Ethyl-N-Cocoammonium	Quaternium-54
Ethohexadiol	Ethyl Hexanediol	Ethoxylate (15) Sulfate	
		Ethyl Dihydroxypropyl PABA	Ethyl Dihydroxypropyl
Ethomeen C/12 (Armak)	PEG-2 Cocamine		PABA
Ethomeen C/15 (Armak)	PEG-5 Cocamine	Ethyl Dihydroxypropyl	Ethyl Dihydroxypropyl
Ethomeen C/20 (Armak)	PEG-10 Cocamine	p-Aminobenzoate	PABA
Ethomeen C/25 (Armak)	PEG-15 Cocamine	Ethyl Diisopropylcinnamate	Ethyl Diisopropylcinnamate
Ethomeen O/12 (Armak)	PEG-2 Oleamine	Ethylene/Acrylate Co-	Ethylene/Acrylate Co-
		polymer	polymer
Ethomeen O/15 (Armak)	PEG-5 Oleamine	Ethylene Diamine Tetra	EDTA
Ethomeen O/25 (Armak)	PEG-15 Oleamine	Acetic Acid	
Ethomeen S/12 (Armak)	PEG-2 Soyamine		
Ethomeen S/15 (Armak)	PEG-5 Soyamine	Ethylene Dichloride	Ethylene Dichloride
Ethomeen S/20 (Armak)	PEG-10 Soyamine	Ethylene Glycol	Glycol
		Ethylene Glycol Cetyl Ether	Ceteth-1
Ethomeen S/25 (Armak)	PEG-15 Soyamine	Ethylene Glycol Distearate	Glycol Distearate
Ethomeen T/12 (Armak)	PEG-2 Tallow Amine	Ethylene Glycol Monobutyl	Butoxyethanol
Ethomeen T/15 (Armak)	PEG-5 Tallow Amine	Ether	
Ethomeen T/25 (Armak)	PEG-15 Tallow Amine	Ethylene Glycol Monoethyl	Ethoxyethanol
Ethomeen 18/12 (Armak)	PEG-2 Stearamine	Ether	
		Ethylene Glycol Monoethyl	Ethoxyethanol Acetate
Ethomeen 18/15 (Armak)	PEG-5 Stearamine	Ether Acetylated	
Ethomeen 18/20 (Armak)	PEG-10 Stearamine	Ethylene Glycol Monolauryl	Laureth-1
Ethomeen 18/25 (Armak)	PEG-15 Stearamine	Ether	
Ethomeen 18/60 (Armak)	PEG-50 Stearamine	Ethylene Glycol Monomethyl	Methoxyethanol
Ethomid HT/15 (Armak)	PEG-5 Tallow Amide	Ether	
		Ethylene Glycol Monooleate	Glycol Oleate
Ethomid HT/60 (Armak)	PEG-50 Tallow Amide	Ethylene Glycol Monophenyl	Phenoxyethanol
Ethomid O/15 (Armak)	PEG-5 Oleamide	Ether	
Ethoquad C/12 (Armak)	PEG-2 Cocoyl Quaternium-4	Ethylene Glycol Monostearate	Glycol Stearate
Ethoquad C/25 (Armak)	PEG-15 Cocoyl Quaternium-4	Ethylene Glycol Nonyl Phenyl	Nonoxynol-1
Ethoquad O/12 (Armak)	PEG-2 Oleyl Quaternium-4	Ether	
		Ethylene/Maleic Anhydride	Ethylene/Maleic Anhydride
Ethoquad O/25 (Armak)	PEG-15 Oleyl Quaternium-4	Copolymer	Copolymer
Ethoquad 18/12 (Armak)	PEG-2 Stearyl Quaternium-4	Ethylene Oxide	Ethylene Oxide
*Ethoquad 18/25 (Armak)	PEG-15 Stearyl Qua-	Ethylene Urea	Ethylene Urea
	ternium-4	Ethyl Ester of PVM/MA	Ethyl Ester of PVM/MA
Ethosperse G-26 (Glyco)	Glycereth-26	Copolymer	Copolymer
Ethosperse LA-4 (Glyco)	Laureth-4		
		Ethyl Ether	Ether
Ethosperse LA-12 (Glyco)	Laureth-12	Ethyl Glutamate	Ethyl Glutamate
Ethosperse SL-20 (Glyco)	Sorbeth-20		
Ethosperse TDA-6 (Glyco)	Trideceth-6		
Ethoxol 3 (Lanaetex)	Oleth-3		
Ethoxol 10 (Lanaetex)	Oleth-10		

2-Ethyl-1,3-Hexanediol

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
2-Ethyl-1,3-Hexanediol	Ethyl Hexanediol
2-Ethylhexyl Methoxycinnamate	Octyl Methoxycinnamate
2-Ethylhexyl Myristate	Octyl Myristate
2-Ethylhexyl Oxystearate	Octyl Hydroxystearate
2-Ethylhexyl Palmitate	Octyl Palmitate
Ethyl Hexyl Palmitate	Octyl Palmitate
Porositone	
2-Ethylhexyl Salicylate	Octyl Salicylate
2-Ethylhexyl Stearate	Octyl Stearate
Ethyl p-Hydroxy Benzoate	Ethylparaben
Ethyl Hydroxymethyl Oleyl Oxazoline	Ethyl Hydroxymethyl Oleyl Oxazoline
Ethyl Methacrylate	Ethyl Methacrylate
Ethyl Methacrylate/Abietyl Methacrylate/Diethylaminoethyl Methacrylate-Quaternized with Dimethyl Sulfate	Quaternium-37
Ethyl Methacrylate/Oleyl Methacrylate/Diethylaminoethyl Methacrylate-Quaternized with Dimethyl Sulfate	Quaternium-38
Ethyl Morrhuate	Ethyl Morrhuate
Ethylparaben	Ethylparaben
Ethyl Parasept (Tenneco)	Ethylparaben
*Ethyl Persate	Ethyl Persate
Ethyl Phthalyl Ethyl Glycolate	Ethyl Phthalyl Ethyl Glycolate
Ethyl Serinate	Ethyl Serinate
Ethyl Vanillin	Ethyl Vanillin
Ethynylestradiol	Ethynylestradiol
Eucalyptol	Eucalyptol
Eucalyptus Extract	Eucalyptus Extract
Eucalyptus Oil	Eucalyptus Oil
Eugenol	Eugenol
Eumulgin C-700 (Henkel)	Ceteareth-12
Eumulgin C-1000 (Henkel)	Ceteareth-20
Eumulgin C-1500 (Henkel)	Ceteareth-30
Eumulgin M8 (Henkel)	Oleth-10 (and) Oleth-5
Eumulgin O5 (Henfel)	Oleth-5
Eumulgin O10 (Henkel)	Oleth-10
Euphrasia	Euphrasia
Euphrasia Extract	Euphrasia Extract
Eutanol G (Henkel)	Octyl Dodecanol
Eutanol G-16 (Henkel)	Isocetyl Alcohol
Eutanol G-32 (Henkel)	Tetradecyl Octadecanol
*Eutanol G-32/36 (Henkel)	Tetradecyl Octadecanol (and) Cetyl Arachidol
Everlasting Extract	Everlasting Extract
Exchange Concentrated Lemon Juice (Sunkist Growers)	Lemon Juice
Exchange Lemon Oil (USP) (Sunkist Growers)	Lemon Oil
Exchange Orange Oil (USP) (Sunkist Growers)	Orange Oil
*Ext. D & C Blue No. 1 (formerly)	Basic Blue 9
Ext. D & C Crimson Red #11251 (Leeben Color & Chem.)	D & C Red No. 17 (and) D & C Violet No. 2 (and) D & C Red No. 37 (and) Stearic Acid
Ext. D & C Dark Blue #11651 (Leeben Color & Chem.)	D & C Green No. 6 (and) D & C Violet No. 2
Ext. D & C Green #1 K-7104 (Kohnstamm)	Ext. D & C Green No. 1
Ext. D & C Green No. 1	Ext. D & C Green No. 1

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Ext. D & C Oil Red #14226 (Leeben Color & Chem.)	D & C Red No. 17 (and) D & C Red No. 37 (and) D & C Violet No. 2
Ext. D & C Red No. 8 (formerly)	Acid Red 88
Ext. D & C Red No. 11 (formerly)	Acid Red 1
Ext. D & C Red No. 13 (formerly)	Acid Red 73
*Ext. D & C Red No. 15 (formerly)	HC Red No. 6
Ext. D & C Violet No. 2	Ext. D & C Violet No. 2
Ext. D & C Yellow #1 K-7018 (Kohnstamm)	Ext. D & C Yellow No. 1
Ext. D & C Yellow #7 Aluminum Lake K-6298 (Kohnstamm)	Ext. D & C Yellow No. 7 Aluminum Lake
Ext. D & C Yellow #7 K-7164 (Kohnstamm)	Ext. D & C Yellow No. 7
Ext. D & C Yellow No. 1	Ext. D & C Yellow No. 1
Ext. D & C Yellow No. 3 (formerly)	Acid Yellow 11
Ext. D & C Yellow No. 7	Ext. D & C Yellow No. 7
Ext. D & C Yellow No. 7 Aluminum Lake	Ext. D & C Yellow No. 7 Aluminum Lake
Extra Amber (Penreco)	Petrolatum
Extrapone Algen Super 2/032453 (Dragoco)	Hydrolyzed Animal Protein (and) PEG-60 Hydrogenated Castor Oil (and) Ethoxydiglycol (and) Propylene Glycol (and) Algae Extract (and) Butylene Glycol
Extrapone Alpine Herbs for Bath Products (Dragoco)	TEA-Dodecylbenzenesulfonate (and) Ethoxydiglycol (and) Propylene Glycol (and) Sorbitol (and) Butylene Glycol (and) Gentian Extract (and) Hayflower Extract (and) Hypericum Extract (and) Balm Mint Extract (and) Juniper Extract (and) Pine Needle Extract (and) Arnica Extract
Extrapone Alpine Herbs Special 2/032561 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Gentian Extract (and) Hayflower Extract (and) Hypericum Extract (and) Balm Mint Extract (and) Juniper Extract (and) Pine Needle Extract (and) Arnica Extract
Extrapone Aquasol Alpine Herbs (Dragoco)	TEA-Dodecylbenzenesulfonate (and) Ethoxydiglycol (and) Propylene Glycol (and) Sorbitol (and) Butylene Glycol (and) Gentian Extract (and) Hayflower Extract (and) Hypericum Extract (and) Balm Mint Extract (and) Juniper Extract (and) Pine Needle Extract (and) Arnica Extract
Extrapone Arkin Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Matricaria Extract (and) Nettle Extract (and) Birch Sap (and) Arnica Extract (and) Cinchona Extract (and) Birch Leaf Extract
Extrapone Biopollin Special 2/032661 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Witch Hazel Distillate (and) Wheat Germ Extract (and) Calcium Pantothenate (and) Retinol (and) Boric Acid (and) Nicotinamide (and) Inositol (and) Thiamine HCl (and) Biotin (and) Methionine (cont.)

**Extrapone Biopollin Special 2/032661  
(Dragoco) (Cont.)**

**Extrapone 5 Special (Dragoco)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
	(and) Folic Acid (and) Ascorbic Acid (and) Pyridoxine HCl (and) Colloidal Sulfur (and) Allantoin
Extrapone Bio-Tamin Special 2/032671 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Retinol (and) PEG-40 Castor Oil (and) Menadione (and) Thiamine HCl
Extrapone B Special 2/032421 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Witch Hazel Distillate (and) Wheat Germ Extract (and) Calcium Pantothenate (and) Retinol (and) Boric Acid (and) Nicotinamide (and) Inositol (and) Thiamine HCl (and) Colloidal Sulfur
Extrapone Chamomile Special 2/033021 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Matricaria Extract
Extrapone Horse Chestnut Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Horse Chestnut Extract
Extrapone Marshmallow Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Althea Extract
Extrapone Neo-H-Special 2/032441 (Dragoco)	Ethoxydiglycol (and) Butylene Glycol (and) Calcium Pantothenate (and) Inositol (and) Colloidal Sulfur
Extrapone Phytocell Special 2/033191 (Dragoco)	Sodium Laureth Sulfate (and) Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Witch Hazel Distillate (and) Wheat Germ Extract (and) Gentian Extract (and) Hayflower Extract (and) Balm Mint Extract (and) Yarrow Extract (and) Rosemary Extract (and) Hypericum Extract (and) Juniper Extract (and) Pine Needle Extract (and) Arnica Extract (and) Hops Extract (and) Calcium Pantothenate (and) Retinol (and) Allantoin (and) Niacin (and) Boric Acid (and) Inositol (and) Calendula Extract (and) Folic Acid (and) Riboflavin (and) Ascorbic Acid (and) Pyridoxine HCl (and) Thiamine HCl (and) Biotin (and) Colloidal Sulfur
Extrapone Phytostimulin Special 2/033181 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Witch Hazel Distillate (and) Wheat Germ Extract (and) Calcium Pantothenate (and) Retinol (and) Hops Extract (and) Allantoin (and) Boric Acid (and) Calendula Extract (and) Arnica Extract (and) Inositol (and) Niacinamide (and) Thiamine HCl (and) Colloidal Sulfur (and) Pyridoxine HCl (and) Ascorbic Acid (and) Biotin (and) Methionine (and) Folic Acid
Extrapone Poly H Special 2/032451 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene (cont.)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
	Glycol (and) Coltsfoot Extract (and) Horsetail Extract (and) Calcium Pantothenate (and) Inositol
Extrapone Rosemary Special 2/033251 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Rosemary Extract
Extrapone Sage Special 2/033291 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Sage Extract
Extrapone Stinging Nettle Special 2/032721 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Nettle Extract
Extrapone Sulfovital Special 2/033391 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Calcium Pantothenate (and) Wheat Germ Extract (and) Witch Hazel Extract (and) Inositol (and) Retinol (and) Horsetail Extract (and) Coltsfoot Extract (and) Mistletoe Extract (and) Mallow Extract (and) Colloidal Sulfur (and) Niacinamide
Extrapone Super Cucumber 2/500021 (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Dextrose (and) Cucumber Extract
Extrapone Thyme Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Thyme Extract
Extrapone Witch Hazel (Dragoco)	Propylene Glycol (and) Witch Hazel Extract
Extrapone Witch Hazel Dist. Colorless Special 2/032891 (Dragoco)	Propylene Glycol (and) Witch Hazel Distillate
Extrapone 1 Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Sage Extract (and) Hypericum Extract (and) Matricaria Extract (and) Yarrow Extract (and) Coltsfoot Extract (and) Althea Extract
Extrapone 3 Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Sage Extract (and) Yarrow Extract (and) Coltsfoot Extract (and) Matricaria Extract (and) Balm Mint Extract (and) Wild Thyme Extract (and) Horsetail Extract (and) Rosemary Extract (and) Althea Extract
Extrapone 4 Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Matricaria Extract (and) Sage Extract (and) Coltsfoot Extract (and) Restharrow Extract (and) Horse Chestnut Extract (and) Horsetail Extract (and) Yarrow Extract (and) Rosemary Extract (and) Dandelion Extract (and) Althea Extract (and) Witch Hazel Extract
Extrapone 5 Special (Dragoco)	Ethoxydiglycol (and) Propylene Glycol (and) Butylene Glycol (and) Nettle Extract (and) Yarrow Extract (and) Coltsfoot Extract (and) Rosemary Extract (and) Birch Sap (and) Clover Blossom Extract (and) Birch Leaf (cont.)

**Extrapone 5 Special (Dragoco) (Cont.)**

**Flexricin 13 (NL Industries)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
	Extract (and) Horsetail Extract (and) Sage Extract (and) Calcium Pantothenate (and) Inositol Calcium Sulfate
'Extra Super' English Terra Alba (Chrystal)	
Eyebright Herbs Eye Shadow Rose 3535 (Thomasset)	Euphrasia Ultramarine Pink (and) Talc
— F —	
F-157 Wax (Dow Corning) F-157A Wax (Dow Corning) Falba Absorption Base (Pfaltz & Bauer)	Stearoxy Dimethicone Stearoxy Dimethicone Mineral Oil (and) Lanolin (and) Paraffin (and) Lanolin Alcohol (and) Beeswax
Fanchem HL (Fanning) Fancol LA (Fanning) Fast Light Yellow Fast Scarlet 4BSA FD & C Blue No. 1	Hydrogenated Lanolin Lanolin Alcohol Acid Yellow 11 Direct Red 23 FD & C Blue No. 1
FD & C Blue No. 1 Aluminum Lake FD & C Blue No. 2 FD & C Blue No. 2 Aluminum Lake FD & C Green No. 2 (formerly)	FD & C Blue No. 1 Aluminum Lake FD & C Blue No. 2 FD & C Blue No. 2 Aluminum Lake Acid Green 5
FD & C Green No. 3 *FD & C Red No. 1 (formerly) FD & C Red No. 3 FD & C Red No. 3 Aluminum Lake FD & C Red No. 4 FD & C Red No. 40 *FD & C Violet No. 1 (formerly) FD & C Yellow No. 1 (formerly) FD & C Yellow No. 5	FD & C Green No. 3 HC Red No. 6 FD & C Red No. 3 FD & C Red No. 3 Aluminum Lake FD & C Red No. 4 FD & C Red No. 40 Acid Violet 49 Ext. D & C Yellow No. 7 FD & C Yellow No. 5
FD & C Yellow No. 5 Aluminum Lake FD & C Yellow No. 6 FD & C Yellow No. 6 Aluminum Lake Fennel Fennel Extract	FD & C Yellow No. 5 Aluminum Lake FD & C Yellow No. 6 FD & C Yellow No. 6 Aluminum Lake Fennel Fennel Extract
Fenugreek Extract Ferric Ferrocyanide Filter-Cel (Johns-Manville) Filtrol (Compagnie Parento) Filtrosol A (Norda)	Fenugreek Extract Ferric Ferrocyanide Diatomaceous Earth Menthyl Salicylate Homosalate
Fish Glycerides Flamenco Blue CC (Mearl)	Fish Glycerides Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba
Flamenco Blue CQ (Mearl)	Water (and) Mica (and) Carbomer-940
Flamenco Blue MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Blue 100 (Mearl)	Mica (and) Titanium Dioxide
Flamenco Gold CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Flamenco Gold CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carbomer-940
Flamenco Gold MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Gold 100 (Mearl) Flamenco Green CC (Mearl)	Mica (and) Titanium Dioxide Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba
Flamenco Green CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carbomer-940
Flamenco Green MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Green 100 (Mearl)	Mica (and) Titanium Di- oxide
Flamenco Pearl CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba
Flamenco Pearl CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carbomer-940
Flamenco Pearl MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Pearl SEC (Mearl)	Mica (and) Talc (and) Titanium Dioxide (and) Methylcellulose (and) Polysorbate-85
Flamenco Pearl 100 (Mearl)	Mica (and) Titanium Dioxide
Flamenco Red CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba
Flamenco Red CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carbomer-940
Flamenco Red MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Red 100 (Mearl) Flamenco Satina SEC (Mearl)	Mica (and) Titanium Dioxide Mica (and) Talc (and) Titanium Dioxide (and) Methylcellulose (and) Polysorbate-85
Flamenco Superpearl CC (Mearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Oleyl Alcohol (and) Carnauba
Flamenco Superpearl CQ (Mearl)	Water (and) Mica (and) Titanium Dioxide (and) Carbomer-940
Flamenco Superpearl MO (Mearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Flamenco Superpearl SEC (Mearl)	Mica (and) Talc (and) Titanium Dioxide (and) Methylcellulose (and) Polysorbate 85
Flamenco Superpearl 100 (Mearl)	Mica (and) Titanium Dioxide
*Flame Orange 5305 (Thomasset) Flaming Red (Sun) Flexan 130 (National Starch) Flexan 500 (National Starch)	D & C Orange No. 5 Zir- conium Lake D & C Red No. 36 Lake Sodium Polystyrene Sulfonate Sodium Polystyrene Sulfonate
Flexible Collodion Flexichem (Swift Edible Oils) Flexricin P-1 (NL Industries) Flexricin P-4 (NL Industries) Flexricin P-6 (NL Industries)	Flexible Collodion Calcium Stearate Methyl Ricinoleate Methyl Acetyl Ricinoleate Butyl Acetyl Ricinoleate



*Flexricin 15 (NL Industries)*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Flexricin P-8 (NL Industries)	Glyceryl Triacetyl Ricinoleate
Flexricin 9 (NL Industries)	Propylene Glycol Ricinoleate
Flexricin 13 (NL Industries)	Glyceryl Ricinoleate
Flexricin 15 (NL Industries)	Glycol Ricinoleate
Flour, Corn	Corn Flour
Flour, Oats	Oat Flour
Flour, Rye	Rye Flour
Flour, Soy	Soy Flour
Flour, Wheat	Wheat Flour
Fluid AP (Union Carbide)	PPG-14 Butyl Ether
Fluid Grindelia	Grindelia
Fluilan (Croda)	Lanolin Oil
Fluilanol (Croda)	Lanolin Oil (and) Oleth-3
*Fluorescein	D & C Yellow No. 7 (or) Acid Yellow 73
Fluorocarbon 152A	Hydrofluorocarbon 152A
Fluorophene (Pfister)	Fluorosalan
Fluorosalan	Fluorosalan
Foamkill 810F (Crucible)	Dimethicone
Foamkill 830F (Crucible)	Dimethicone
Foamole A (Van Dyk)	Linoleamide DEA
Foamole AR (Van Dyk)	Cocamide DEA
Foamole AS (Van Dyk)	Cocamide MEA (and) Cocamide DEA
Foamole B (Van Dyk)	Minkamidopropyl Dimethylamine
Foamole G (Van Dyk)	Sodium Lauryl Sulfate (and) Cocamide DEA
Foamole L (Van Dyk)	Linoleamide DEA
Foamole M (Van Dyk)	Cocamide MEA
Foamole S (Van Dyk)	Sodium Lauryl Sulfate (and) Cocamide DEA (and) Urea (and) Lactic Acid
Foamole 2-AC-2 (Van Dyk)	Cocamide DEA
Foeniculum	Fennel
Foeniculum Extract	Fennel Extract
Folic Acid	Folic Acid
Fonoline, White (Witco)	Petrolatum
Fonoline, Yellow (Witco)	Petrolatum
Food Green 2	Acid Green 5
*Food Red 6 (formerly)	HC Red No. 6
Food Red 10	Acid Red 1
Formaldehyde	Formaldehyde
Formalin	Formaldehyde
Formic Acid	Formic Acid
Formula 300 (PVO)	Stearic Acid
*Freon 11 (DuPont)	Chlorofluorocarbon 11
*Freon 11S (DuPont)	Chlorofluorocarbon 11S
*Freon 12 (DuPont)	Chlorofluorocarbon 12
*Freon 114 (DuPont)	Chlorofluorocarbon 114
*Freon 142B (DuPont)	Hydrochlorofluorocarbon 142B
Fucus Extract	Bladderwrack Extract
Fullers Earth	Fullers Earth
Fungicide DA 2/938070 (Dragoco)	Undecylenamide DEA
Fungicide UMA 2/038080 (Dragoco)	Undecylenamide MEA
Fungitex R (Ciba-Geigy)	Domiphen Bromide
Furfural	Furfural
Fybrene (Witco)	Petrolatum

*Genapol CRO Paste (American Hoechst)*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
— G —	
G-4 (Givaudan)	Dichlorophene
G-11 (Givaudan)	Hexachlorophene
G-271 (ICI United States)	Quaternium-2
G-1441 (ICI United States)	PEG-40 Sorbitan Lanolate
G-1471 (ICI United States)	PEG-75 Sorbitan Lanolate
G-1702 (ICI United States)	PEG-6 Sorbitan Beeswax
G-1726 (ICI United States)	PEG-20 Sorbitan Beeswax
*G-1790 (ICI United States)	PEG-20 Lanolin
*G-1795 (ICI United States)	PEG-50 Lanolin
G-2151 (ICI United States)	PEG-30 Stearate
G-2153 (ICI United States)	PEG-50 Stearate
G-2162 (ICI United States)	PEG-25 Propylene Glycol Stearate
G-3720 (ICI United States)	Stearth-20
G-3780-A (ICI United States)	PEG-20 Tallow Amine
G-3802 (ICI United States)	Ceteth-2
G-7596DJ (ICI United States)	PEG-44 Sorbitan Laurate
G-7596J (ICI United States)	PEG-10 Sorbitan Laurate
Gafamide CDD-518 (GAF)	Cocamide DEA
Gafquat 734 (GAF)	Quaternium-23
Gafquat 755 (GAF)	Quaternium-23
Gallic Acid, 3-Gallate, Trioleate	Digalloyl Trioleate
Gantrez AN-119 (GAF)	PVM/MA Copolymer
Gantrez AN-139 (GAF)	PVM/MA Copolymer
Gantrez AN-149 (GAF)	PVM/MA Copolymer
Gantrez AN-169 (GAF)	PVM/MA Copolymer
Gantrez ES-225 (GAF)	Ethyl Ester of PVM/MA Copolymer
Gantrez ES-335-I (GAF)	Isopropyl Ester of PVM/MA Copolymer
Gantrez ES-425 (GAF)	Butyl Ester of PVM/MA Copolymer
Gantrez ES-435 (GAF)	Butyl Ester of PVM/MA Copolymer
Gantrez M-154 (GAF)	Polyvinyl Methyl Ether
Gelamide-250 (American Cyanamid)	Polyacrylamide
Gelatin	Gelatin
Gelatin BB U.S. Edible (US Gelatin)	Gelatin
Gelatine	Gelatin
Gelatin Velvatex	Gelatin
Gelcarin LA (Marine Colloids)	Carrageenan
Gelcarin SI (Marine Colloids)	Carrageenan
Gelvatol (Monsanto)	Polyvinyl Alcohol
Gelwhite GP (Georgia Kaolin)	Montmorillonite
Genamin KDM (American Hoechst)	Behentrimonium Chloride
Genamin KS5 (American Hoechst)	Quaternium-36
Genapol CRO Liquid (American Hoechst)	Sodium Myreth Sulfate
Genapol CRO Paste (American Hoechst)	Sodium Myreth Sulfate

## Genapol LRO Liquid (American Hoechst)

## Glutaric Dialdehyde

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Genapol LRO Liquid (American Hoechst)	Sodium Laureth Sulfate	*Germany: C-Ext. Violet 18	D & C Violet No. 2 (or) Solvent Violet 13 ■
Genapol LRO Paste (American Hoechst)	Sodium Laureth Sulfate	*Germany: C-Gelb 10	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
Genapol LRT 40 (American Hoechst)	TEA-Lauryl Sulfate	*Germany: C-Gelb 11	D & C Yellow No. 10 (or) Acid Yellow 3 ■
Genapol PMS (American Hoechst)	Glycol Distearate	Germany: C-Grun 7	Chlorophyllin-Copper Complex
Genapol TS Powder (American Hoechst)	PEG-3 Distearate	Germany: C-Grun 9	Chromium Oxide Greens
General 122 (General Mills)	Soya Sterol	*Germany: C-Grun 10	D & C Green No. 6 (or) Solvent Green 3 ■
General 122 E5 (General Mills)	PEG-5 Soya Sterol	*Germany: C-Grun 11	D & C Green No. 5 (or) Acid Green 25 ■
General 122 E10 (General Mills)	PEG-10 Soya Sterol	*Germany: C-Orange 10	FD & C Yellow No. 6 (or) Food Yellow 3 ■
General 122 E16 (General Mills)	PEG-16 Soya Sterol	Germany: C-Orange 11	Carotene
General 122 E25 (General Mills)	PEG-25 Soya Sterol	Germany: C-Orange 12	Annatto
General 425 (General Mills)	Tall Oil Sterol	Germany: C-Pigment 1	Aluminum Powder
*Genetron 11 (Allied)	Chlorofluorocarbon 11	Germany: C-Pigment 2	Silver
*Genetron 12 (Allied)	Chlorofluorocarbon 12	*Germany: C-Rot 1	D & C Red No. 36 (or) Pigment Red 4 ■
Genetron 22 (Allied)	Hydrochlorofluorocarbon 22	*Germany: C-Rot 14	D & C Red No. 34 (or) Pigment Red 63:1 ■
*Genetron 114 (Allied)	Chlorofluorocarbon 114	*Germany: C-Rot 27	D & C Orange No. 5 (or) Solvent Red 72 ■
Genetron 142B (Allied)	Hydrochlorofluorocarbon 142B	*Germany: C-Rot 28	D & C Red No. 30 (or) Vat Red 1 ■
Genetron 152A (Allied)	Hydrofluorocarbon 152A	*Germany: C-Rot 38	FD & C Red No. 3 (or) Acid Red 51 ■
Gentian	Gentian	Germany: C-Rot 45	Iron Oxides
Gentian Extract	Gentian Extract	*Germany: C-Rot 46	FD & C Red No. 2 (or) Acid Red 27 ■
Gentian Root Extract	Gentian Extract	Germany: C-Rot 47	Acid Red 18
*Gentian Violet	Basic Violet 1	Germany: C-Rot 50	Carmine
Gentian Violet (Pharm)	Basic Violet 3	*Germany: C-Rot 55	D & C Red No. 8 (or) Pigment Red 53 ■
Genu (Hercules)	Carrageenan	*Germany: C-Rot 55 Lake	D & C Red No. 9 (or) Pigment Red 53:1 ■
Geranium Lake (Sun)	D & C Red No. 19 Aluminum Lake	Germany: C-Schwarz 5	Iron Oxides
Germall 115 (Sutton)	Imidazolidinyl Urea	*Germany: C-Violett 10	Acid Violet 49
German Camomille "D" Plant Extract (Rhodia)	Glycerin (and) Matricaria Extract	Germany: C-Weiss 1	Aluminum Hydroxide
German Camomille Oil	Matricaria Oil	Germany: C-Weiss 6	Calcium Sulfate
German Chamomile Extract	Matricaria Extract	Germany: C-Weiss 7	Titanium Dioxide
German Chamomile Oil	Matricaria Oil	Germany: C-Weiss 8	Zinc Oxide
Germany: C-Blau 16	Ultramarine Blue	Germany: C-Weiss 10	Bismuth Oxochloride
Germany: C-Blau 17	Ferric Ferrocyanide	Gingilli Oil	Sesame Oil
Germany: C-Blau 18	Vat Blue 4	Ginseng	Ginseng
*Germany: C-Blau 19	FD & C Blue No. 2 (or) Acid Blue 74 ■	Giv-Gard DXN (Givaudan)	Dimethoxane
Germany: C-Blau 20	Acid Blue 3	Giv-Tan F (Givaudan)	Cinoxate
Germany: C-Ext. Blau 10	Pigment Blue 15	Gloria White Mineral Oil (Witco)	Mineral Oil
*Germany: C-Ext. Blau 26	FD & C Blue No. 1 (or) Acid Blue 9 ■	Glossylan (Malmstrom)	Lanolin
Germany: C-Ext. Braun 4	D & C Brown No. 1 (or) Acid Orange 24 ■	Glucam E-10 (Amerchol)	Methyl Gluceth-10
Germany: C-Ext. Gelb 1	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■	Glucam E-20 (Amerchol)	Methyl Gluceth-20
*Germany: C-Ext. Gelb 10	Ext. D & C Yellow No. 1 (or) Acid Yellow 36 ■	Glucam P-10 (Amerchol)	PPG-10 Methyl Glucose Ether
Germany: C-Ext. Gelb 11	Acid Yellow 11	Glucam P-20 (Amerchol)	PPG-20 Methyl Glucose Ether
Germany: C-Ext. Gelb 16	D & C Yellow No. 7 (or) Acid Yellow 73 ■	D-Glucitol	Sorbitol
*Germany: C-Ext. Gelb 23	D & C Yellow No. 11 (or) Solvent Yellow 33 ■	Glucuronamidopropyl Dimethyl 2-Hydroxyethyl Ammonium Chloride	Quaternium-22
Germany: C-Ext. Grun 5	Pigment Green 7	Glucose	Glucose
Germany: C-Ext. Grun 6	Ext. D & C Green No. 1 (or) Acid Green 1 ■	Glucose Glutamate	Glucose Glutamate
*Germany: C-Ext. Orange 8	D & C Orange No. 4 (or) Acid Orange 7 ■	Glucuronic Acid	Glucuronic Acid
*Germany: C-Ext. Rot 27	D & C Red No. 19 (or) Basic Violet 10 ■	Glutaral	Glutaral
*Germany: C-Ext. Rot 37	FD & C Red No. 4 (or) Food Red 1 ■	Glutaraldehyde	Glutaral
		Glutaric Dialdehyde	Glutaral

**Glycereth-26**

**Groco 5L (Gross, A.)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Glycereth-26 Glycerin	Glycereth-26 Glycerin
Glycerine Glycerol	Glycerin Glycerin
*Glycerol Mono Coconut Oil Glyceryl Cocoate *Glyceryl Coconate	Glyceryl Cocoate Glyceryl Cocoate Glyceryl Cocoate
Glyceryl Dilaurate Glyceryl Dioleate Glyceryl Erucate Glyceryl Hydroxystearate Glyceryl Isostearate	Glyceryl Dilaurate Glyceryl Dioleate Glyceryl Erucate Glyceryl Hydroxystearate Glyceryl Isostearate
Glyceryl Lanolate Glyceryl Laurate Gyceryl Linoleate *Glyceryl Monococoate Glyceryl Monoerucate	Glyceryl Lanolate Glyceryl Laurate Glyceryl Linoleate Glyceryl Cocoate Glyceryl Erucate
Glyceryl Monoisostearate Glyceryl Monolanolate Glyceryl Monolaurate Glyceryl Monolinoleate Glyceryl Monomyristate	Glyceryl Isostearate Glyceryl Lanolate Glyceryl Laurate Glyceryl Linoleate Glyceryl Myristate
Glyceryl Monooleate Glyceryl Monoricinoleate Glyceryl Monostearate Glyceryl Monothioglycolate Glyceryl Myristate	Glyceryl Oleate Glyceryl Ricinoleate Glyceryl Stearate Glyceryl Thioglycolate Glyceryl Myristate
Glyceryl Oleate Glyceryl Oleate SE Glyceryl PABA Glyceryl Paraaminobenzoate Glyceryl Ricinoleate	Glyceryl Oleate Glyceryl Oleate SE Glyceryl PABA Glyceryl PABA Glyceryl Ricinoleate
Glyceryl Sesquioleate Glyceryl Starch Glyceryl Stearate Glyceryl Stearate SE Glyceryl Thioglycolate Glyceryl Triacetyl Ricinoleate	Glyceryl Sesquioleate Glyceryl Starch Glyceryl Stearate Glyceryl Stearate SE Glyceryl Thioglycolate Glyceryl Triacetyl Ricinoleate
Glyceryl Tri(12-Hydroxystearate)	Trihydroxystearin
Glyceryl Trilaurate Glyceryl Trimyristate Glyceryl Trioctanoate Glyceryl Trioleate Glyceryl Tripalmitate	Trilaurin Trimyristin Glyceryl Trioctanoate Triolein Tripalmitin
Glyceryl Tristearate Glycine Glycocoll Glycofurol Glycol	Tristearin Glycine Glycine Glycofurol Glycol
Glycoldistearat 90 (OGO) Glycol Distearate Glycolic Acid Glycol Hydroxystearate Glycol Monosalicylate Glycol Oleate	Glycol Distearate Glycol Distearate Glycolic Acid Glycol Hydroxystearate Glycol Salicylate Glycol Oleate
Glycol Ricinoleate Glycol Salicylate Glycol Stearate Glycol Stearate SE Glycomul L (Glyco) Glycomul LC (Glyco)	Glycol Ricinoleate Glycol Salicylate Glycol Stearate Glycol Stearate SE Sorbitan Laurate Sorbitan Laurate
Glycomul O (Glyco) Glycomul P (Glyco) Glycomul S (Glyco) Glycomul SOC Special (Glyco)	Sorbitan Oleate Sorbitan Palmitate Sorbitan Stearate Sorbitan Sesquioleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Glycomul TO (Glyco) Glycomul TS (Glyco)	Sorbitan Trioleate Sorbitan Tristearate
Glycon B-70 (Glyco) Glycon DC (Glyco) Glycon DP (Glyco) Glycon DS (Glyco) Glycon DT (Glyco)	Behenic Acid Corn Acid Stearic Acid Soya Acid Tallow Acid
Glycon HTG (Glyco)	Hydrogenated Tallow Glycerides
Glycon HVG (Glyco)	Hydrogenated Vegetable Glycerides
Glycon P-45 (Glyco) Glycon RO (Glyco) Glycon S-65 (Glyco)	Palmitic Acid Oleic Acid Hydrogenated Tallow Acid
Glycon S-70 (Glyco) Glycon S-80 (Glyco) Glycon S-90 (Glyco) Glycon TP (Glyco) Glycon WO (Glyco)	Stearic Acid Stearic Acid Stearic Acid Stearic Acid Oleic Acid
Glycosperse L-20 (Glyco) Glycosperse L-20X (Glyco) Glycosperse O-5 (Glyco) Glycosperse O-20 (Glyco) Glycosperse O-20 VEG (Glyco)	Polysorbate 20 Polysorbate 20 Polysorbate 81 Polysorbate 80 Polysorbate 80
Glycosperse O-20X (Glyco) Glycosperse P-20 (Glyco) Glycosperse S-20 (Glyco) Glycosperse TO-20 (Glyco) Glycosperse TS-20 (Glyco)	Polysorbate 80 Polysorbate 40 Polysorbate 60 Polysorbate 85 Polysorbate 65
Glycyrrhetic Acid Glycyrrhetic Acid Glycyrrhiza Glycyrrhizic Acid Glycyrrhizin	Glycyrrhetic Acid Glycyrrhetic Acid Licorice Glycyrrhizic Acid Glycyrrhizic Acid
Glycyrrhizinic Acid Glyoxal Glyoxyldiureide Glyoxylic Acid Gold Bond Castor Oil (Spencer-Kellogg)	Glycyrrhizic Acid Glyoxal Allantoin Glyoxylic Acid Castor Oil
Golden Dawn (Westbrook Lanolin)	Lanolin
Gold Shield (Commercial Solvents)	Alcohol
Gorgonzola Monomyristate (Opdyke)	Gorgonzola Myristate
Granular Hennegg Albumen Type G-1 (Henningsen)	Albumen
Grape Juice	Grape Juice
Grape Seed Oil Graphite *Green No. 3 (Japan)	Grape Seed Oil Graphite FD & C Green No. 3 (or) Food Green 3 ■
*Green No. 201 (Japan)	D & C Green No. 5 (or) Acid Green 25 ■
*Green No. 202 (Japan)	D & C Green No. 6 (or) Solvent Green 3 ■
Green No. 203 (Japan) *Green No. 204 (Japan)	Acid Green 5 D & C Green No. 8 (or) Solvent Green 7 ■
*Green No. 401 (Japan)	Ext. D & C Green No. 1 (or) Acid Green 1 ■
Grindelia Groco 2 (Gross, A.)	Grindelia Oleic Acid
Groco 4 (Gross, A.) Groco 5L (Gross, A.)	Oleic Acid Oleic Acid

## Groco 6 (Gross, A.)

## Herco Pine Oil (Hercules)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Groco 6 (Gross, A.)	Oleic Acid
Groco 20 (Gross, A.)	Linseed Acid
Groco 24 (Gross, A.)	Coconut Acid
Groco 25 (Gross, A.)	Coconut Acid
Groco 26 (Gross, A.)	Coconut Acid
Groco 29 (Gross, A.)	Corn Acid
Groco 40 (Gross, A.)	Tallow Acid
Groco 41 (Gross, A.)	Tallow Acid
Groco 54 (Gross, A.)	Stearic Acid
Groco 55 (Gross, A.)	Stearic Acid
Groco 55L (Gross, A.)	Stearic Acid
Groco 58 (Gross, A.)	Stearic Acid
Groco 59 (Gross, A.)	Stearic Acid
Grocor 300 (Gross, A.)	PEG-6 Oleate
Grocor 400 (Gross, A.)	PEG-8 Stearate
Grocor 1000 (Gross, A.)	Triolein
Grocor 1200 (Gross, A.)	Triolein
Grocor 5220 (Gross, A.)	Glycol Stearate
Grocor 5410 (Gross, A.)	Butyl Stearate
Grocor 5420 (Gross, A.)	PEG-2 Stearate
Grocor 5420N (Gross, A.)	PEG-2 Stearate
Grocor 5420SE (Gross, A.)	PEG-2 Stearate SE
Grocor 5500 (Gross, A.)	Glyceryl Stearate
Grocor 5510 (Gross, A.)	Butyl Stearate
Grocor 5530 (Gross, A.)	Octyl Stearate
Grocor 5810 (Gross, A.)	Butyl Stearate
Grocor 5820 (Gross, A.)	Isocetyl Stearate
Grocor 6000 (Gross, A.)	Glyceryl Stearate
Grocor 6000 SE (Gross, A.)	Glyceryl Stearate SE
Grocor 8008 (Gross, A.)	Methyl Oleate
Grocor 8024 (Gross, A.)	Methyl Oleate
Guaiazulene	Guaiazulene
Guanidine Carbonate	Guanidine Carbonate
Guanine	Guanine
Guanosine	Guanosine
Guar Gum	Guar Gum
Gulfwax 27 (Gulf)	Paraffin
Gulfwax 33 (Gulf)	Paraffin
Gum Acacia	Acacia
Gum Arabic	Acacia
Gum Benzoin Siam	Benzoin
Gum Camphor	Camphor
Gum Copal	Copal
Gum Damar	Damar
Gum Karaya	Karaya Gum
Gum Rosin	Rosin
Gum Sandarac	Sandarac Gum
Gum Sumatra	Benzoin
Gum Tragacanth	Tragacanth Gum
Gutta Percha	Gutta Percha
Gypsum	Calcium Sulfate
Gypsy Red (Sun)	D & C Red No. 13 Strontium Lake
— H —	
Hair Complex Aquosum (Kurt Richter)	Panthenol (and) PEG-8 (and) Inositol (and) Horsetail Extract (and) Nettle Extract (and) Coltsfoot Extract
Hamamelis	Witch Hazel
Hamamelis "D" Plant Extract (Rhodia)	Glycerin (and) Witch Hazel Extract

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Hamamelis Extract	Witch Hazel Extract
Hamp-Ene Acid (Hampshire)	EDTA
Hamp-Ene Copper Chelate #55-505 (Hampshire)	Disodium EDTA-Copper
Hamp-Ene 13.5% Copper Chelate (Hampshire)	Disodium EDTA-Copper
Hamp-Ene Na <sub>2</sub> (Hampshire)	Disodium EDTA
Hamp-Ene Na <sub>3</sub> (Hampshire)	Trisodium EDTA
Hamp-Ene Na <sub>4</sub> (Hampshire)	Tetrasodium EDTA
Hamp-Ene 100 (Hampshire)	Tetrasodium EDTA
Hamp-Ene 215 (Hampshire)	Tetrasodium EDTA
Hamp-Ex Acid (Hampshire)	Pentetic Acid
Hamp-Ex 80 (Hampshire)	Pentasodium Pentetate
Hamp-OI Crystals (Hampshire)	Trisodium HEDTA
Hamp-OI 120 (Hampshire)	Trisodium HEDTA
Hamposyl C (Hampshire)	Cocyl Sarcosine
Hamposyl C-30 (Hampshire)	Sodium Cocoyl Sarcosinate
Hamposyl L (Hampshire)	Lauroyl Sarcosine
Hamposyl L-30 (Hampshire)	Sodium Lauroyl Sarcosinate
Hamposyl L-95 (Hampshire)	Sodium Lauroyl Sarcosinate
Hamposyl M (Hampshire)	Myristoyl Sarcosine
Hamposyl M-30 (Hampshire)	Sodium Myristoyl Sarcosinate
Hamposyl O (Hampshire)	Oleoyl Sarcosine
Hamposyl S (Hampshire)	Stearoyl Sarcosine
Hampshire DEG (Hampshire)	Sodium Dihydroxyethyl-glycinate
Hansa Yellow	Pigment Yellow 1
Hartolan (Croda)	Lanolin Alcohol
Hartshorn	Ammonium Carbonate
Hawthorn Extract	Crataegus Extract
Hayflower Extract	Hayflower Extract
HC Blue No. 1	HC Blue No. 1
HC Blue No. 2	HC Blue No. 2
HC Blue No. 4	HC Blue No. 4
HC Blue No. 5	HC Blue No. 5
HC Orange No. 1	HC Orange No. 1
HC Red No. 1	HC Red No. 1
HC Red No. 3	HC Red No. 3
HC Red No. 6	HC Red No. 6
HC Yellow No. 2	HC Yellow No. 2
HC Yellow No. 3	HC Yellow No. 3
HC Yellow No. 4	HC Yellow No. 4
HC Yellow No. 5	HC Yellow No. 5
H.D. Eutanol (Henkel)	Oleyl Alcohol
H.D. Oleyl Alcohol CG (Henkel)	Oleyl Alcohol
H.D. Oleyl Alcohol 70/75 (Henkel)	Oleyl Alcohol
H.D. Oleyl Alcohol 80/85 (Henkel)	Oleyl Alcohol
H.D. Oleyl Alcohol 90/95 (Henkel)	Oleyl Alcohol
Heavy Cream	Cream
Heavy Mineral Oil	Mineral Oil
H.E. Cellulose	Hydroxyethylcellulose
Hectorite	Hectorite
HEDTA	HEDTA
*Heidi Rose 3030 (Thomasset)	D & C Red No. 30 Lake
Heliophan (Greeff)	Homosalate
Henna	Henna
Henna Leaves	Henna
n-Heptane	Heptane
Hercolyn D (Hercules)	Methyl Hydrogenated Rosinate
Herco Pine Oil (Hercules)	Pine Oil

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Hercules Mint Green (Kohnstamm)	FD & C Yellow No. 5 (and) FD & C Blue No. 1	Hodag PEG 400 (Hodag)	PEG-8
Hetamide ML (Heterene)	Lauramide DEA	Hodag PGMS (Hodag)	Propylene Glycol Stearate
Hexachlorophene	Hexachlorophene	Hodag PSML-20 (Hodag)	Polysorbate 20
n-Hexadecanoic Acid	Palmitic Acid	Hodag PSMP-20 (Hodag)	Polysorbate 40
1-Hexadecanol	Cetyl Alcohol	Hodag SMS (Hodag)	Sorbitan Stearate
n-Hexadecyl Alcohol	Cetyl Alcohol	Hodag SSO (Hodag)	Sorbitan Sesquioleate
n-Hexadecyl Lactate	Cetyl Lactate	Hodag 20-L (Hodag)	PEG-4 Laurate
Hexadecyl Methicone	Hexadecyl Methicone	Hodag 32-O (Hodag)	PEG-6 Dioleate
Hexadecyl Neodecanate	Isocetyl Isodecanoate	Hodag 40-S (Hodag)	PEG-8 Stearate
Hexadecyl Stearate	Isocetyl Stearate	Hodag 150-S (Hodag)	PEG-6-32 Stearate
n-Hexadecyl Stearate	Cetyl Stearate	Hoechst Wax BJ (American Hoechst)	Montan Wax
2,4-Hexadienoic Acid	Sorbic Acid	Hoechst Wax E (American Hoechst)	Montan Wax
Hexaglyceryl Dioleate	Polyglyceryl-6 Dioleate	Hoechst Wax F (American Hoechst)	Montan Wax
Hexaglyceryl Distearate	Polyglyceryl-6 Distearate	Hoechst Wax S (American Hoechst)	Montan Wax
Hexagon (Commercial Solvents)	Alcohol	Homomenthyl Salicylate	Homosalate
Hexamethyldisiloxane	Hexamethyldisiloxane	Homosalate	Homosalate
Hexamethyleneamine	Methenamine	o-Homosalicylic Acid	o-Cresotic Acid
1,1'-Hexamethylenebis [5-(p-Chlorophenyl)- Biguanide]	Chlorhexidine	Honey	Honey
Hexamethylene Tetramine	Methenamine	Honeydew Melon Juice	Honeydew Melon Juice
Hexanedioic Acid	Adipic Acid	Hops	Hops
Hexane-1,2,6-Triol	1,2,6-Hexanetriol	Hops Extract	Hops Extract
1,2,6-Hexanetriol	1,2,6-Hexanetriol	Hops Oil	Hops Oil
n-Hexanol	Hexyl Alcohol	Hormo Fruit Apricot (Esperis S.p.A.)	Apricot Extract (and) Glycerin
*Hexaplant Richter (Kurt Richter)	Fennel Extract (and) Hops Extract (and) Balm Mint Extract (and) Mistletoe Extract (and) Matricaria Extract (and) Yarrow Extract	Horse Chestnut Extract	Horse Chestnut Extract
n-Hexyl Alcohol	Hexyl Alcohol	Horse Head A-410 (New Jersey Zinc)	Titanium Dioxide
Hexylene Glycol	Hexylene Glycol	Horse Head A-420 (New Jersey Zinc)	Titanium Dioxide
Hexyl Laurate	Hexyl Laurate	Horse Head R-710 (New Jersey Zinc)	Titanium Dioxide
Hibitane (ICI)	Chlorhexidine	Horse Head U.S.P.-12 (New Jersey Zinc)	Zinc Oxide
Hibitane Digluconate (ICI)	Chlorhexidine Digluconate	Horse Head XX (New Jersey Zinc)	Zinc Oxide
Hi Dye Lakolene B-3347 (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake	Horse Radish Extract	Horse Radish Extract
Hi Dye Lakolene B-3349 (Kohnstamm)	FD & C Red No. 3 Alumi- num Lake	Horsetail Extract	Horsetail Extract
Hi Dye Lakolene B-3397 (Kohnstamm)	FD & C Yellow No. 5 Aluminum Lake	Horsetail Extract (Rhodia)	Glycerin (and) Horsetail Extract
Hi Dye Lakolene B-3398 (Kohnstamm)	FD & C Yellow No: 6 Aluminum Lake	Hostacerin DGO (American Hoechst)	Polyglyceryl-2 Sesquioleate
High Melting Point Lanolin (Malmstrom)	Lanolin (and) Lanolin Wax	Hostacerin O5 (American Hoechst)	Oleth-5
Hilite Coppertone 3545 (Thomasset)	Mica (and) Titanium Dioxide (and) Iron Oxides	Hostacerin T3 (American Hoechst)	Cetareth-3
Hinokitiol	Hinokitiol	Hostaphat KL340N (American Hoechst)	Trilaureth-4 Phosphate
*Hi Sil 233 (PGG Industries)	Hydrated Silica	Hostaphat KO300 (American Hoechst)	Trioleyl Phosphate
Hi Tri Di 3655 (Thomasset)	D & C Orange No. 5	Hostaphat KO380 (American Hoechst)	Trioleth-8 Phosphate
Hodag CSA-80 (Hodag)	PPG-26 Oleate	Hostaphat KW340N (American Hoechst)	Trilaneeth-4 Phosphate
Hodag CSA-91 (Hodag)	PPG-10 Oleyl Ether	Hostapon CT (American Hoechst)	Sodium Methyl Cocoyl Taurate
Hodag DGS-C (Hodag)	PEG-2 Stearate SE	Hostapon T (American Hoechst)	Sodium Methyl Oleoyl Taurate
Hodag DGS-N (Hodag)	PEG-2 Stearate	HPM Cellulose (Dow)	Hydroxypropyl Methylcellulose
Hodag EGMS (Hodag)	Glycol Stearate	*Hue Orange 3336 (Thomasset)	D & C Red No. 36 Lake
Hodag GMO (Hodag)	Glyceryl Oleate	Hungarian Chamomile Oil	Matricaria Oil
Hodag GMS (Hodag)	Glyceryl Stearate	*Husept Extra	Chloroxylenol
Hodag L-4 (Hodag)	Laureth-4	Hyaluronic Acid	Hyaluronic Acid
Hodag L-23 (Hodag)	Laureth-23	Hyamide 90-C (Chemical Products)	Lauramide DEA
Hodag Nonionic 1802 F (Hodag)	Oleth-2	Hyamine 10X (Rohm & Haas)	Methylbenzethonium Chloride
Hodag PE-1803 (Hodag)	Oleth-3 Phosphate	Hyamine 1622 (Rohm & Haas)	Benzethonium Chloride
Hodag PE-1810 (Hodag)	Oleth-10 Phosphate		
Hodag PE-1820 (Hodag)	Oleth-20 Phosphate		

## Hyamine 2389 (Rohm & Haas)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Hyamine 2389 (Rohm & Haas)	Quaternium-28 (and) Quaternium-29
*Hyamine 3500 (Rohm & Haas)	Myristalkonium Chloride
Hybrid Safflower Oil	Hybrid Safflower Oil
Hy-Case Amino (Humko Sheffield)	Hydrolyzed Milk Protein
Hy-Case SF (Humko Sheffield)	Hydrolyzed Milk Protein
Hychol (Robinson-Wagner)	Lanolin
Hydeps (Westbrook Lanolin)	Hydrogenated Lanolin
Hydrated Alumina	Aluminum Hydroxide
Hydrated Chromium Sesquioxide	Chromium Hydroxide Green
Hydrated Silica	Hydrated Silica
Hydroabietyl Alcohol	Dihydroabietyl Alcohol
Hydrochloric Acid	Hydrochloric Acid
Hydrochlorofluorocarbon 22	Hydrochlorofluorocarbon 22
Hydrochlorofluorocarbon 142B	Hydrochlorofluorocarbon 142B
Hydrofluorocarbon 152A	Hydrofluorocarbon 152A
Hydrofol Acid 1255 (Ashland)	Lauric Acid
Hydrofol Acid 1295 (Ashland)	Lauric Acid
Hydrofol Acid 1495 (Ashland)	Myristic Acid
Hydrofol Acid 1655 (Ashland)	Stearic Acid
Hydrofol Acid 1690 (Ashland)	Palmitic Acid
Hydrofol Acid 1855 (Ashland)	Stearic Acid
Hydrofol Acid 1895 (Ashland)	Stearic Acid
Hydrofol Acid 2022-40 (Ashland)	Hydrogenated Menhaden Acid
Hydrofol Glyceride T-57-L (Ashland)	Hydrogenated Lard
Hydrofol Glyceride 50/51 (Ashland)	Hydrogenated Menhaden Oil
Hydrofol Glyceride 150 (Ashland)	Hydrogenated Soybean Oil
Hydrofol Glyceride 200 (Ashland)	Hydrogenated Castor Oil
Hydrogenated Castor Oil	Hydrogenated Castor Oil
Hydrogenated Coconut Oil	Hydrogenated Coconut Oil
Hydrogenated Cottonseed Oil	Hydrogenated Cottonseed Oil
Hydrogenated Ditallow Amine	Hydrogenated Ditallow Amine
Hydrogenated Honey	Hydrogenated Honey
Hydrogenated Laneth-5	Hydrogenated Laneth-5
Hydrogenated Laneth-20	Hydrogenated Laneth-20
Hydrogenated Laneth-25	Hydrogenated Laneth-25
Hydrogenated Lanolin	Hydrogenated Lanolin
Hydrogenated Lanolin Alcohol	Hydrogenated Lanolin Alcohol
Hydrogenated Lard	Hydrogenated Lard
Hydrogenated Lard Glyceride	Hydrogenated Lard Glyceride
Hydrogenated Lard Glycerides	Hydrogenated Lard Glycerides
Hydrogenated Menhaden Acid	Hydrogenated Menhaden Acid
Hydrogenated Menhaden Oil	Hydrogenated Menhaden Oil
Hydrogenated Palm Kernel Oil	Hydrogenated Palm Kernel Oil
Hydrogenated Palm Oil	Hydrogenated Palm Oil
Hydrogenated Polyisobutene	Hydrogenated Polyisobutene
Hydrogenated Shark Liver Oil	Hydrogenated Shark Liver Oil
Hydrogenated Soybean Oil	Hydrogenated Soybean Oil
Hydrogenated Tallow	Hydrogenated Tallow
Hydrogenated Tallow Acid	Hydrogenated Tallow Acid
Hydrogenated Tallow Amine	Hydrogenated Tallow Amine
Hydrogenated Tallow Amine Oxide	Hydrogenated Tallow Amine Oxide
Hydrogenated Tallow Dimethyl Amine	Dimethyl Hydrogenated Tallow Amine
Hydrogenated Tallow Glyceride	Hydrogenated Tallow Glyceride
Hydrogenated Tallow Glyceride Citrate	Hydrogenated Tallow Glyceride Citrate
Hydrogenated Tallow Glyceride Lactate	Hydrogenated Tallow Glyceride Lactate
Hydrogenated Tallow Glycerides	Hydrogenated Tallow Glycerides
Hydrogenated Tallow Glycerides Citrate	Hydrogenated Tallow Glycerides Citrate

## 2-Hydroxy-4-Methoxybenzophenone-5-Sodium Sulfonate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Hydrogenated Vegetable Glyceride	Hydrogenated Vegetable Glyceride
Hydrogenated Vegetable Glycerides	Hydrogenated Vegetable Glycerides
Hydrogenated Vegetable Glycerides Phosphate	Hydrogenated Vegetable Glycerides Phosphate
Hydrogenated Vegetable Oil	Hydrogenated Vegetable Oil
Hydrogen Methyl Polysiloxane	Methicone
Hydrogen Peroxide	Hydrogen Peroxide
Hydrogen Peroxide Carbamide	Urea Peroxide
Hydrolan (Esperis S.p.A.)	Hydrogenated Lanolin
Hydrolyzed Animal Protein	Hydrolyzed Animal Protein
Hydrolyzed Milk Protein	Hydrolyzed Milk Protein
Hydro-Pro 220 (Stepan)	Animal Protein Derivative
Hydro-Pro 230 (Stepan)	Animal Protein Derivative
Hydroquinone	Hydroquinone
Hydroviton (Dragoco)	Glycerin (and) Sodium Lactate (and) TEA-Lactate (and) Serine (and) Lactic Acid (and) Urea (and) Sorbitol (and) Lauryl Diethylenediaminoglycine (and) Lauryl Aminopropylglycine (and) Allantoin
p-Hydroxyanisole	p-Hydroxyanisole
o-Hydroxybenzoic Acid	Salicylic Acid
Hydroxybenzomorpholine	Hydroxybenzomorpholine
2-Hydroxy-5-Chlorobenzophenone	Benzophenone-7
1-(2-Hydroxyethyl) Carbamoyl Methyl Pyridinium Chloride Laurate	Lapyrium Chloride
1-[[[(2-Hydroxyethyl) Carbamoyl] Methyl] Pyridinium Chloride Stearate	Quaternium-7
Hydroxyethylcellulose	Hydroxyethylcellulose
N-(2-Hydroxyethyl) Coco Fatty Acid Amide	Cocamide MEA
Hydroxyethyl Ethylenediamine Triacetic Acid	HEDTA
N-(2-Hydroxyethyl) Lauramide	Lauramide MEA
N-(2-Hydroxyethyl) Linoleamide	Linoleamide MEA
N-(2-Hydroxyethyl)-2-Nitroaniline	HC Yellow No. 2
N <sup>1</sup> -(2-Hydroxyethyl)-2-Nitro-p-Phenylenediamine	HC Red No. 3
N <sup>1</sup> -(2-Hydroxyethyl)-4-Nitro-o-Phenylenediamine	HC Yellow No. 5
N-(2-Hydroxyethyl) Oleamide	Oleamide MEA
N-(2-Hydroxyethyl) Palm Kernel Oil Acid Amide	Palm Kernelamide MEA
N-(2-Hydroxyethyl) Palm Oil Acid Amide	Palmamide MEA
N-(2-Hydroxyethyl) Peanut Acid Amide	Peanutamide MEA
Hydroxyethyl PEI-1500	Hydroxyethyl PEI-1500
N-(2-Hydroxyethyl) Ricinoleamide	Ricinoleamide MEA
N-(2-Hydroxyethyl) Stearamide	Stearamide MEA
Hydroxyethyl Stearamide-MIPA	Hydroxyethyl Stearamide-MIPA
N-(2-Hydroxyethyl) Tallow Acid Amide	Tallowamide MEA
Hydroxylamine HCl	Hydroxylamine HCl
Hydroxylamine Hydrochloride	Hydroxylamine HCl
Hydroxylamine Sulfate	Hydroxylamine Sulfate
Hydroxylated Lanolin	Hydroxylated Lanolin
4-Hydroxy-3-Methoxybenzaldehyde	Vanillin
2-Hydroxy-4-Methoxybenzophenone	Benzophenone-3
2-Hydroxy-4-Methoxybenzophenone-5-Sodium Sulfonate	Benzophenone-5

## 2-Hydroxy-4-Methoxybenzophenone-5-Sulfonic Acid

## Irgalan Black BGL (Ciba-Geigy)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
2-Hydroxy-4-Methoxybenzophenone-5-Sulfonic Acid	Benzophenone-4	Hystrene 9016 (Humko Sheffield)	Palmitic Acid
2-Hydroxy-4-Methoxy-4'-Methylbenzophenone	Benzophenone-10	*Hystrene 9022 (Humko Sheffield)	Behenic Acid
1-(Hydroxymethyl)-5,5-Dimethyl Hydantoin	MDM Hydantoin	Hystrene 9718 (Humko Sheffield)	Stearic Acid
2-(Hydroxymethyl)-2-Nitro-1,3-Propanediol	Tris (Hydroxymethyl) Nitromethane	—   —	
2-Hydroxy-2-Methyl-4-Pentanone	Diacetone Alcohol	Igepal CA-420 (GAF)	Octoxynol-3
4-Hydroxy-4-Methyl-2-Pentanone	Diacetone Alcohol	Igepal CA-520 (GAF)	Octoxynol-5
2-Hydroxy-4-(Octyloxy) Benzophenone	Benzophenone-12	Igepal CA-630 (GAF)	Octoxynol-9
Hydroxyl (Malmstrom)	Hydrogenated Lanolin	Igepal CA-720 (GAF)	Octoxynol-13
p-Hydroxyphenol	Hydroquinone	Igepal CA-730 (GAF)	Octoxynol-13
Hydroxyphenyl Glycinamide	Hydroxyphenyl Glycinamide	Igepal CO-210 (GAF)	Nonoxynol-2
2-Hydroxy-1,2,3-Propane Tricarboxylic Acid	Citric Acid	Igepal CO-430 (GAF)	Nonoxynol-4
		Igepal CO-520 (GAF)	Nonoxynol-5
		Igepal CO-530 (GAF)	Nonoxynol-6
2-Hydroxypropionic Acid	Lactic Acid	Igepal CO-610 (GAF)	Nonoxynol-8
2-Hydroxypropylamine Nitrite	Isopropanolamine Nitrite	Igepal CO-630 (GAF)	Nonoxynol-9
Hydroxypropyl Cellulose	Hydroxypropyl Cellulose	Igepal CO-660 (GAF)	Nonoxynol-10
Hydroxypropyl Methylcellulose	Hydroxypropyl Methylcellulose	Igepal CO-710 (GAF)	Nonoxynol-10
8-Hydroxyquinoline	Oxyquinoline	Igepal CO-720 (GAF)	Nonoxynol-12
*8-Hydroxyquinoline Benzoate (Ester)	Benzoquinone	Igepal CO-730 (GAF)	Nonoxynol-15
*8-Hydroxyquinoline Benzoate (Salt)	Oxyquinoline Benzoate	Igepal CO-850 (GAF)	Nonoxynol-20
8-Hydroxyquinoline Sulfate	Oxyquinoline Sulfate	Igepal CO-880 (GAF)	Nonoxynol-30
12-Hydroxystearic Acid	Hydroxystearic Acid	Igepal CO-890 (GAF)	Nonoxynol-40
Hydroxysuccinic Acid	Malic Acid	Igepal CO-970 (GAF)	Nonoxynol-50
2-Hydroxy-m-Toluic Acid	o-Cresotic Acid	Igepal DM-530 (GAF)	Nonyl Nonoxynol-10
Hyflo Super-Cel (Johns-Manville)	Diatomaceous Earth	Igepal DM-880 (GAF)	Nonyl Nonoxynol-49
Hygroplex HHG (Kurt Richter)	Hexylene Glycol (and) Glucose (and) Fructose (and) Sucrose (and), Urea (and) Dextrin (and) Alanine (and) Glutamic Acid (and) Aspartic Acid	Igepal DM-970 (GAF)	Nonyl Nonoxynol-150
Hyonic PE-100 (Diamond Shamrock)	Nonoxynol-10	*Igepon AC-78 (GAF)	Sodium Cocoyl Isethionate
Hyonic PE-250 (Diamond Shamrock)	Octoxynol-9	Igepon T-33 (GAF)	Sodium Methyl Oleoyl Taurate
Hypericum Extract	Hypericum Extract	Igepon T-43 (GAF)	Sodium Methyl Oleoyl Taurate
Hy-Phi 1055 (Darling)	Oleic Acid	Igepon T-73 (GAF)	Sodium Methyl Oleoyl Taurate
Hy-Phi 1088 (Darling)	Oleic Acid	Igepon T-77 (GAF)	Sodium Methyl Oleoyl Taurate
Hy-Phi 1199 (Darling)	Stearic Acid	Igepon TC-42 (GAF)	Sodium Methyl Cocoyl Taurate
Hy-Phi 1205 (Darling)	Stearic Acid	2-Imidazolidinone	Ethylene Urea
Hy-Phi 1303 (Darling)	Stearic Acid	Imidazolidinyl Urea	Imidazolidinyl Urea
Hy-Phi 1401 (Darling)	Stearic Acid	2-Imidazolidone	Ethylene Urea
Hy-Phi 2066 (Darling)	Oleic Acid	Imino-Bis-Propylamine	Imino-Bis-Propylamine
Hy-Phi 2088 (Darling)	Oleic Acid	Imwitor 191 (Dynamit-Nobel)	Glyceryl Stearate
Hy-Phi 2102 (Darling)	Oleic Acid	Imwitor 900K (Dynamit-Nobel)	Glyceryl Stearate
Hy-Phi 4204 (Darling)	Tallow Acid	Imwitor 960 (Dynamit-Nobel)	Glyceryl Stearate SE
Hy-Phi 6001 (Darling)	Hydrogenated Tallow Acid	*Indigo	D & C Blue No. 6 (or) Vat Blue 1 ■
Hypromellose	Hydroxypropyl Methylcellulose	*Indigo Carmine	FD & C Blue No. 2 (or) Acid Blue 74 ■
Hystrene 4516 (Humko Sheffield)	Stearic Acid	Indigokarmin (Sweden)	FD & C Blue No. 2 (or) Acid Blue 74 ■
Hystrene 5016 (Humko Sheffield)	Stearic Acid	*Indigotine	FD & C Blue No. 2 (or) Acid Blue 74 ■
Hystrene 7016 (Humko Sheffield)	Palmitic Acid	Indopol H-100 (Amoco)	Polybutene
Hystrene 7018 (Humko Sheffield)	Stearic Acid	Industrene 5016 (Humko Sheffield)	Stearic Acid
		Infusorial Earth	Diatomaceous Earth
		Inositol	Inositol
		Instant Egg White Solids Type P-600 (Henningsen)	Albumen
		Intrasperse Yellow GBA Extra (Crompton & Knowles)	Disperse Yellow 3
		Iodorga (CEP)	Ethiodized Oil
		Ionol (Shell)	BHT
		Ionol CP (Shell)	BHT
		Ipecac	Ipecac
		Ipecacuanha	Ipecac
		Irgacet Brown 2RL (Ciba-Geigy)	Solvent Brown 43
		Irgacet Yellow GL (Ciba-Geigy)	Solvent Yellow 90
		Irgalan Black BGL (Ciba-Geigy)	Acid Black 107

## CHEMICAL/TRADE NAME CTFA ADOPTED NAME†

Irgalan Black GBL (Ciba-Geigy)	Acid Black 131
Irgalan Blue BL (Ciba-Geigy)	Acid Blue 168
Irgalan Brown BL (Ciba-Geigy)	Acid Brown 19
Irgalan Brown 2GL (Ciba-Geigy)	Acid Brown 44
Irgalan Brown 3BL (Ciba-Geigy)	Acid Brown 46
Irgalan Dark Brown 5R (Ciba-Geigy)	Acid Brown 48
Irgalan Grey BL (Ciba-Geigy)	Acid Black 58
Irgalan Navy Blue 5RL (Ciba-Geigy)	Acid Blue 188
Irgalan Orange RL (Ciba-Geigy)	Acid Orange 86
Irgalan Red 4GL (Ciba-Geigy)	Acid Red 259
Irgalan Violet 5RL (Ciba-Geigy)	Acid Violet 73
Irgalan Yellow GL (Ciba-Geigy)	Acid Yellow 114
Irgalan Yellow 2RL (Ciba-Geigy)	Acid Orange 85
Irganol Brilliant Yellow 3GLS 133% (Ciba-Geigy)	Acid Yellow 127
Irgasan CF-3 (Ciba-Geigy)	Cloflucarban
Irgasan DP-300 (Ciba-Geigy)	Triclosan
Irish Moss Extract	Carrageenan
Iron Oxides (Including Hydrated Iron Oxides)	Iron Oxides
Iso-Adipate 2/043700 (Dragoco)	Diisopropyl Adipate
Isoamyl Laurate	Isoamyl Laurate
Isoascorbic Acid	Erythorbic Acid
Isobutane	Isobutane
Isobutoxypropanol	Isobutoxypropanol
Isobutyl Acetate	Isobutyl Acetate
Isobutyl-p-Aminobenzoate	Isobutyl PABA
Isobutylated Lanolin Oil	Isobutylated Lanolin Oil
Isobutylene/Isoprene Copolymer	Isobutylene/Isoprene Copolymer
Isobutylene/Maleic Anhydride Copolymer	Isobutylene/Maleic Anhydride Copolymer
Isobutyl PABA	Isobutyl PABA
Isobutyl Palmitate	Isobutyl Palmitate
Isobutyl Stearate	Isobutyl Stearate
Isobutyric Acid	Isobutyric Acid
Isocaine	Isobutyl PABA
Isocetyl Alcohol	Isocetyl Alcohol
Isocetyl Isodecanoate	Isocetyl Isodecanoate
Isocetyl Palmitate	Isocetyl Palmitate
Isocetyl Stearate	Isocetyl Stearate
Isodeceth-5	Isodeceth-5
Isodecyl Hydroxystearate	Isodecyl Hydroxystearate
Isodecyl Isononanoate	Isodecyl Isononanoate
Isodecyl Laurate	Isodecyl Laurate
Isodecyl Myristate	Isodecyl Myristate
Isodecyl Neopentanoate	Isodecyl Neopentanoate
Isodecyl Oleate	Isodecyl Oleate
Isodecyl Palmitate	Isodecyl Palmitate
2-Isoheptadecyl-1-Hydroxyethyl-3-Propanoic Acid Imidazoline	Amphoteric-12
Isohexadecyl Alcohol	Isocetyl Alcohol
Isohexyl Laurate	Isohexyl Laurate
Isohexyl Palmitate	Isohexyl Palmitate
Isolan (Inolex)	Lanolin (and) Mineral Oil
Isonymyl (Inolex)	Isopropyl Myristate
Isononyl Isononanoate	Isononyl Isononanoate
*Isopalm K (Knapp)	PEG- 6 Isopalmitate
Isopentane	Isopentane
Isopropanol	Isopropyl Alcohol
Isopropanolamine	Isopropanolamine
Isopropanolamine Nitrite	Isopropanolamine Nitrite

## CHEMICAL/TRADE NAME CTFA ADOPTED NAME†

Isopropyl Acetate	Isopropyl Acetate
Isopropyl Alcohol	Isopropyl Alcohol
Isopropylamine	Isopropylamine
*Isopropylamine Dodecylbenzenesulfonate	Isopropylamine Dodecylbenzenesulfonate
*Isopropylan 33 (Robinson-Wagner)	Isopropyl Lanolate (and) Lanolin Oil
*Isopropylan 50 (Robinson-Wagner)	Isopropyl Lanolate (and) Lanolin Oil
Isopropyl Cresols	Isopropyl Cresols
Isopropyl Ester of PVM/MA Copolymer	Isopropyl Ester of PVM/MA Copolymer
Isopropyl n-Hexadecanoate	Isopropyl Palmitate
4,4'-Isopropylidenediphenol	4,4'-Isopropylidenediphenol
Isopropyl Isostearate	Isopropyl Isostearate
Isopropyl Lanolate	Isopropyl Lanolate
Isopropyl Lanolate, Distilled (Malmstrom)	Isopropyl Lanolate (and) Lanolin
Isopropyl Laurate	Isopropyl Laurate
Isopropyl Linoleate	Isopropyl Linoleate
Isopropyl Methoxycinnamate	Isopropyl Methoxycinnamate
Isopropyl Myristate	Isopropyl Myristate
Iso-Propyl Myristate Alpha (Bush Boake Allen)	Isopropyl Myristate (and) Isopropyl Stearate
Isopropyl Oleate	Isopropyl Oleate
Isopropyl Palmitate	Isopropyl Palmitate
Isopropyl Sorbate	Isopropyl Sorbate
Isopropyl Stearate	Isopropyl Stearate
Isopropyl Tallowate	Isopropyl Tallowate
Isopropyltropolone	Hinokitiol
Isostearamide DEA	Isostearamide DEA
Isosteareth-2	Isosteareth-2
Isosteareth-3	Isosteareth-3
Isosteareth-10	Isosteareth-10
Isosteareth-20	Isosteareth-20
Isostearic Acid	Isostearic Acid
Isostearic Hydrolyzed Animal Protein	Isostearic Hydrolyzed Animal Protein
Isostearyl Alcohol	Isostearyl Alcohol
Isostearyl Isostearate	Isostearyl Isostearate
Isostearyl Neopentanoate	Isostearyl Neopentanoate
Isostearyl Palmitate	Isostearyl Palmitate
Isothan Q-15 (Onyx)	Lauryl Isoquinolinium Bromide
Isothan Q-75 (Onyx)	Lauryl Isoquinolinium Bromide
Isotridecyl Isononanoate	Isotridecyl Isononanoate
Ivy "D" Plant Extract (Rhodia)	Glycerin (and) Ivy Extract
Ivy Extract	Ivy Extract
— J —	
JA-FA BO (Jahres Fabrikker)	Butyl Oleate
JA-FA BS (Jahres Fabrikker)	Butyl Stearate
JA-FA IPM (Jahres Fabrikker)	Isopropyl Myristate
JA-FA IPO (Jahres Fabrikker)	Isopropyl Oleate
JA-FA IPP (Jahres Fabrikker)	Isopropyl Palmitate
JA-FA IPS (Jahres Fabrikker)	Isopropyl Stearate
JA-FA MO (Jahres Fabrikker)	Methyl Oleate
JA-FA MS (Jahres Fabrikker)	Methyl Stearate
Jaguar Gum A-20-D (Stein Hall)	Guar Gum
Jaguar Gum #124 (Stein Hall)	Guar Gum
Jaguar Plus (Stein Hall)	Guar Gum
Jaiap Resin	Jalap Resin
*Japan: Blue No. 1	FD & C Blue No. 1 (or) Acid Blue 9 ■
*Japan: Blue No. 2	FD & C Blue No. 2 (or) Acid Blue 74 ■
*Japan: Blue No. 201	D & C Blue No. 6 (or) Vat Blue 1 ■
Japan: Blue No. 404	Pigment Blue 15
Japan: Brown No. 201	D & C Brown No. 1 (or) Acid Orange 24 ■



CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Japan: Green No. 3	FD & C Green No. 3 (or) Food Green 3 ■	*Japan: Yellow No. 4	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
*Japan: Green No. 201	D & C Green No. 5 (or) Acid Green 25 ■	*Japan: Yellow No. 5	FD & C Yellow No. 6 (or) Food Yellow 3 ■
*Japan: Green No. 202	D & C Green No. 6 (or) Solvent Green 3 ■	*Japan: Yellow No. 201	D & C Yellow No. 7 (or) Acid Yellow 73 ■
Japan: Green No. 203	Acid Green 5	*Japan: Yellow No. 202(1)	D & C Yellow No. 8 (or) Acid Yellow 73 Sodium Salt ■
*Japan: Green No. 204	D & C Green No. 8 (or) Solvent Green 7 ■	*Japan: Yellow No. 203	D & C Yellow No. 10 (or) Acid Yellow 3 ■
*Japan: Green No. 401	Ext. D & C Green No. 1 (or) Acid Green 1 ■	*Japan: Yellow No. 204	D & C Yellow No. 11 (or) Solvent Yellow 33 ■
*Japan: Orange No. 201	D & C Orange No. 5 (or) Solvent Red 72 ■	*Japan: Yellow No. 403(1)	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■
*Japan: Orange No. 203	D & C Orange No. 17 (or) Pigment Orange 5 ■	*Japan: Yellow No. 406	Ext. D & C Yellow No. 1 (or) Acid Yellow 36 ■
*Japan: Orange No. 205	D & C Orange No. 4 (or) Acid Orange 7 ■	Japan: Yellow No. 407	Acid Yellow 11
*Japan: Orange No. 206	D & C Orange No. 10 (or) Solvent Red 73 ■	Jeffersol DE-75 (Jefferson)	Glycol (and) Ethoxyethanol
*Japan: Orange No. 207	D & C Orange No. 11 (or) Acid Red 95 ■	Juniorlan (Malmstrom)	Lanolin Wax (and) Triolein
*Japan: Red No. 2	FD & C Red No. 2 (or) Acid Red 27 ■	Juniper Extract	Juniper Extract
*Japan: Red No. 3	FD & C Red No. 3 (or) Acid Red 51 ■	Juniper Tar	Juniper Tar
*Japan: Red No. 201	D & C Red No. 6 (or) Pigment Red 57 ■	— K —	
*Japan: Red No. 202	D & C Red No. 7 (or) Pigment Red 57:1 ■	K-6298 Ext. D & C Yellow #7 Aluminum Lake (Kohnstamm)	Ext. D & C Yellow No. 7 Aluminum Lake
*Japan: Red No. 203	D & C Red No. 8 (or) Pigment Red 53 ■	K-7002 D & C Red #3 Aluminum Lake (Kohnstamm)	D & C Red No. 3 Aluminum Lake
*Japan: Red No. 204	D & C Red No. 9 (or) Pigment Red 53:1 ■	K-7003 D & C Orange #5 (Kohnstamm)	D & C Orange No. 5
*Japan: Red No. 205	D & C Red No. 10 (or) Pigment Red 49 ■	K-7005 D & C Yellow #8 (Kohnstamm)	D & C Yellow No. 8
*Japan: Red No. 206	D & C Red No. 11 (or) Pigment Red 49:2 ■	K-7006 D & C Red #9 Barium Lake (Kohnstamm)	D & C Red No. 9 Barium Lake
*Japan: Red No. 207	D & C Red No. 12 (or) Pigment Red 49:1 ■	K-7007 D & C Red #17 (Kohnstamm)	D & C Red No. 17
*Japan: Red No. 208	D & C Red No. 13 (or) Pigment Red 49:3 ■	K-7008 D & C Red #22 (Kohnstamm)	D & C Red No. 22
*Japan: Red No. 213	D & C Red No. 19 (or) Basic Violet 10 ■	K-7009 D & C Yellow #6 Aluminum Lake (Kohnstamm)	D & C Yellow No. 6 Aluminum Lake
*Japan: Red No. 215	D & C Red No. 37 (or) Solvent Red 49:1 ■	K-7014 D & C Violet #2 (Kohnstamm)	D & C Violet No. 2
*Japan: Red No. 219	D & C Red No. 31 (or) Pigment Red 64:1 ■	K-7015 D & C Green #5 (Kohnstamm)	D & C Green No. 5
*Japan: Red No. 220	D & C Red No. 34 (or) Pigment Red 63:1 ■	K-7016 D & C Green #6 (Kohnstamm)	D & C Green No. 6
*Japan: Red No. 223	D & C Red No. 21 (or) Solvent Red 43 ■	K-7018 Ext. D & C Yellow #1 (Kohnstamm)	Ext. D & C Yellow No. 1
*Japan: Red No. 225	D & C Red No. 17 (or) Solvent Red 23 ■	K-7024 D & C Blue #6 (Kohnstamm)	D & C Blue No. 6
*Japan: Red No. 226	D & C Red No. 30 (or) Vat Red 1 ■	K-7028 D & C Red #37 (Kohnstamm)	D & C Red No. 37
*Japan: Red No. 227	D & C Red No. 33 (or) Acid Red 33 ■	K-7029 D & C Red #19 (Kohnstamm)	D & C Red No. 19
*Japan: Red No. 228	D & C Red No. 36 (or) Pigment Red 4 ■	K-7034 D & C Red #6 (Kohnstamm)	D & C Red No. 6
*Japan: Red No. 230(1)	D & C Red No. 22 (or) Acid Red 87	K-7040 D & C Red #19 Aluminum Lake (Kohnstamm)	D & C Red No. 19 Aluminum Lake
*Japan: Red No. 502	HC Red No. 6 ■	K-7043 D & C Red #8 (Kohnstamm)	D & C Red No. 8
*Japan: Red No. 504	FD & C Red No. 4 (or) Food Red 1 ■	K-7044 D & C Red #7 Calcium Lake (Kohnstamm)	D & C Red No. 7 Calcium Lake
Japan: Red No. 506	Acid Red 88	K-7053 D & C Red #27 (Kohnstamm)	D & C Red No. 27
*Japan: Violet No. 1	Acid Violet 49	K-7054 D & C Red #28 (Kohnstamm)	D & C Red No. 28
*Japan: Violet No. 201	D & C Violet No. 2 (or) Solvent Violet 13 ■	K-7057 D & C Red #33 (Kohnstamm)	D & C Red No. 33
*Japan: Violet No. 401	Ext. D & C Violet No. 2 (or) Acid Violet 43 ■		
Japan Wax	Japan Wax		
Japan Wax Substitute No. 473 (Frank B. Ross)	Microcrystalline Wax (and) Tallow Glycerides (and) Fish Glycerides (and) Oleostearine		
Japan Wax Substitute No. 525 (Frank B. Ross)	Fish Glycerides (and) Tallow Glycerides (and) Oleostearine (and) Microcrystalline Wax		

**K-7059 D & C Yellow #10 (Kohnstamm)**

**Kessco Isopropyl Myristate (Armak)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
K-7059 D & C Yellow #10 (Kohnstamm)	D & C Yellow No. 10
K-7060 D & C Red #36 (Kohnstamm)	D & C Red No. 36
K-7061 D & C Red #21 (Kohnstamm)	D & C Red No. 21
K-7062 D & C Red #31 (Kohnstamm)	D & C Red No. 31
K-7064 D & C Yellow #11 (Kohnstamm)	D & C Yellow No. 11
K-7066 D & C Red #11 Calcium Lake (Kohnstamm)	D & C Red No. 11 Calcium Lake
K-7074 D & C Orange #4 Aluminum Lake (Kohnstamm)	D & C Orange No. 4 Aluminum Lake
K-7081 D & C Orange #17 Lake (Kohnstamm)	D & C Orange No. 17 Lake
K-7082 D & C Red #11 Calcium Lake (Kohnstamm)	D & C Red No. 11 Calcium Lake
K-7089 D & C Yellow #5 Zirconium Lake (Kohnstamm)	D & C Yellow No. 5 Zirconium Lake
K-7090 D & C Red #10 Sodium Lake (Kohnstamm)	D & C Red No. 10 Sodium Lake
K-7094 D & C Red #30 Lake (Kohnstamm)	D & C Red No. 30 Lake
K-7096 D & C Red #6 Barium Lake (Kohnstamm)	D & C Red No. 6 Barium Lake
K-7104 Ext. D & C Green #1 (Kohnstamm)	Ext. D & C Green No. 1
K-7117 D & C Blue #1 Aluminum Lake (Kohnstamm)	D & C Blue No. 1 Aluminum Lake
K-7121 D & C Red #7 Calcium Lake (Kohnstamm)	D & C Red No. 7 Calcium Lake
K-7122 D & C Red #34 Lake (Kohnstamm)	D & C Red No. 34 Calcium Lake
K-7126 D & C Red #21 Aluminum Lake (Kohnstamm)	D & C Red No. 21 Aluminum Lake
K-7133 D & C Yellow #7 (Kohnstamm)	D & C Yellow No. 7
K-7136 D & C Red #12 (Kohnstamm)	D & C Red No. 12
K-7156 D & C Red #30 Lake (Kohnstamm)	D & C Red No. 30 Lake
K-7157 D & C Green #8 (Kohnstamm)	D & C Green No. 8
K-7164 Ext. D & C Yellow #7 (Kohnstamm)	Ext. D & C Yellow No. 7
K-7170 D & C Red #36 Lake (Kohnstamm)	D & C Red No. 36 Lake
K-7177 D & C Red #27 Aluminum Lake (Kohnstamm)	D & C Red No. 27 Aluminum Lake
K-7181 D & C Yellow #10 Aluminum Lake (Kohnstamm)	D & C Yellow No. 10 Aluminum Lake
*K-7183 D & C Red #7 Calcium Lake (Kohnstamm)	D & C Red No. 7 Calcium Lake
K-7966 D & C Red #3 Aluminum Lake (Kohnstamm)	D & C Red No. 3 Aluminum Lake
Kaolin	Kaolin
Kaopolite GC (Kaopolite)	Aluminum Silicate
Kaopolite SF (Kaopolite)	Aluminum Silicate
Karaya Gum	Karaya Gum
Karmin (Sweden)	Carmine
Karotin (Sweden)	Carotene
Kaydol White Mineral Oil (Witco)	Mineral Oil
Kelacid (Kelco)	Alginic Acid
Kelco-Gel (Kelco)	Algin
Kelcoloid (Kelco)	Propylene Glycol Alginate
Kelco SCS (Kelco)	Sodium Cellulose Sulfate
*Kelcosol (Kelco)	Algin
Kelecilin (Spencer-Kellogg)	Lecithin
Kelene 77 (Lowenstein)	Sodium Dihydroxyethylglycinate (and) Trisodium HEDTA

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Kelgin F (Kelco)	Algin
Kelgin HV (Kelco)	Algin
Kelmar (Kelco)	Potassium Alginate
Kelmar Improved (Kelco)	Potassium Alginate
Keltone (Kelco)	Algin
Keltose (Kelco)	Calcium Alginate (and) Ammonium Alginate
Keltrol (Kelco)	Xanthan Gum
Kelzan (Kelco)	Xanthan Gum
Kessco Butyl Stearate (Armak)	Butyl Stearate
Kessco Diethylene Glycol Monostearate (Armak)	PEG-2 Stearate
Kessco Diglycol Laurate A-Neutral (Armak)	PEG-2 Laurate
Kessco Diglycol Laurate ASE (Armak)	PEG-2 Laurate
Kessco Diglycol Laurate N (Armak)	PEG-2 Laurate
Kessco Diglycol Laurate N-Syn (Armak)	PEG-2 Laurate
Kessco Diglycol Laurate SE (Armak)	PEG-2 Laurate SE
Kessco Diglycol Oleate L-SE (Armak)	PEG-2 Oleate SE
Kessco Diglycol Stearate Neutral (Armak)	PEG-2 Stearate
Kessco Diglycol Stearate SE (Armak)	PEG-2 Stearate SE
Kessco Ethylene Glycol Distearate (Armak)	Glycol Distearate
Kessco Ethylene Glycol Monostearate (Armak)	Glycol Stearate
Kessco E112 (Armak)	PEG-8 Oleate
Kessco E119 (Armak)	PEG-4 Dilaurate (and) PEG-6 Dioleate (and) PEG-8 Dilaurate (and) PEG-8 Laurate (and) Glycerol Oleate
Kessco GDA-X386F (Armak)	Glycerol Stearate
Kessco Glycerol Dioleate (Armak)	Glycerol Dioleate
Kessco Glycerol Monolaurate (Armak)	Glycerol Laurate
Kessco Glycerol Monooleate (Armak)	Glycerol Oleate
Kessco Glycerol Monostearate DH-1 (Armak)	Glycerol Stearate
Kessco Glycerol Monostearate Pure (Armak)	Glycerol Stearate
Kessco Glycerol Monostearate 860 (Armak)	Glycerol Stearate
Kessco GML 54 SF (Armak)	Glycerol Stearate SE
Kessco GMO-F (Armak)	Glycerol Oleate
Kessco GMS-T (Armak)	Glycerol Stearate SE
Kessco GMS-X-63-F (Armak)	Glycerol Stearate
Kessco GMS-X-222-F (Armak)	Glycerol Stearate
Kessco GMS-X-365 (Armak)	Glycerol Stearate
Kessco GMS-X-537 (Armak)	Glycerol Stearate
Kessco GMS-24SE (Armak)	Glycerol Stearate SE
Kessco GMS-177-F (Armak)	Glycerol Stearate
Kessco GMS-861 (Armak)	Glycerol Stearate
Kessco GMS-866 (Armak)	Glycerol Stearate SE
Kessco GMS-3325 (Armak)	Glycerol Stearate
Kessco Isobutyl Stearate (Armak)	Isobutyl Stearate
Kessco Isocetyl Stearate (Armak)	Isocetyl Stearate
Kessco Isopropyl Myristate (Armak)	Isopropyl Myristate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Kessco Isopropyl Palmitate (Armak)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Kessco Isopropyl Palmitate (Armak)	Isopropyl Palmitate
Kesscolin (Armak)	Petrolatum (and) Sorbitan Oleate (and) Glyceryl Oleate (and) Cetyl Alcohol (and) Stearyl Alcohol
Kesscomir (Armak)	Isopropyl Myristate
Kessco PEG 200 Dilaurate (Armak)	PEG-4 Dilaurate
Kessco PEG 300 Dilaurate (Armak)	PEG-6 Dilaurate
Kessco PEG 400 Dilaurate (Armak)	PEG-8 Dilaurate
Kessco PEG 600 Dilaurate (Armak)	PEG-12 Dilaurate
Kessco PEG 1000 Dilaurate (Armak)	PEG-20 Dilaurate
Kessco PEG 1540 Dilaurate (Armak)	PEG-32 Dilaurate
Kessco PEG 4000 Dilaurate (Armak)	PEG-75 Dilaurate
Kessco PEG 6000 Dilaurate (Armak)	PEG-150 Dilaurate
Kessco PEG 200 Dioleate (Armak)	PEG-4 Dioleate
Kessco PEG 300 Dioleate (Armak)	PEG-6 Dioleate
Kessco PEG 400 Dioleate (Armak)	PEG-8 Dioleate
Kessco PEG 600 Dioleate (Armak)	PEG-12 Dioleate
Kessco PEG 1000 Dioleate (Armak)	PEG-20 Dioleate
Kessco PEG 1540 Dioleate (Armak)	PEG-32 Dioleate
Kessco PEG 4000 Dioleate (Armak)	PEG-75 Dioleate
Kessco PEG 6000 Dioleate (Armak)	PEG-150 Dioleate
Kessco PEG 200 Distearate (Armak)	PEG-4 Distearate
Kessco PEG 300 Distearate (Armak)	PEG-6 Distearate
Kessco PEG 400 Distearate (Armak)	PEG-8 Distearate
Kessco PEG 600 Distearate (Armak)	PEG-12 Distearate
Kessco PEG 1000 Distearate (Armak)	PEG-20 Distearate
Kessco PEG 1540 Distearate (Armak)	PEG-32 Distearate
Kessco PEG 4000 Distearate (Armak)	PEG-75 Distearate
Kessco PEG 6000 Distearate (Armak)	PEG-150 Distearate
Kessco PEG 400 DS-X356 (Armak)	PEG-8 Distearate
Kessco PEG 200 Monolaurate (Armak)	PEG-4 Laurate
Kessco PEG 300 Monolaurate (Armak)	PEG-6 Laurate
Kessco PEG 400 Monolaurate (Armak)	PEG-8 Laurate
Kessco PEG 600 Monolaurate (Armak)	PEG-12 Laurate

**Kessco 639 (Armak)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Kessco PEG 1000 Monolaurate (Armak)	PEG-20 Laurate
Kessco PEG 1540 Monolaurate (Armak)	PEG-32 Laurate
Kessco PEG 4000 Monolaurate (Armak)	PEG-75 Laurate
Kessco PEG 6000 Monolaurate (Armak)	PEG-150 Laurate
Kessco PEG 200 Monooleate (Armak)	PEG-4 Oleate
Kessco PEG 300 Monooleate (Armak)	PEG-6 Oleate
Kessco PEG 400 Monooleate (Armak)	PEG-8 Oleate
Kessco PEG 600 Monooleate (Armak)	PEG-12 Oleate
Kessco PEG 1000 Monooleate (Armak)	PEG-20 Oleate
Kessco PEG 1540 Monooleate (Armak)	PEG-32 Oleate
Kessco PEG 4000 Monooleate (Armak)	PEG-75 Oleate
Kessco PEG 6000 Monooleate (Armak)	PEG-150 Oleate
Kessco PEG 200 Monostearate (Armak)	PEG-4 Stearate
Kessco PEG 300 Monostearate (Armak)	PEG-6 Stearate
Kessco PEG 400 Monostearate (Armak)	PEG-8 Stearate
Kessco PEG 600 Monostearate (Armak)	PEG-12 Stearate
Kessco PEG 1000 Monostearate (Armak)	PEG-20 Stearate
Kessco PEG 1540 Monostearate (Armak)	PEG-32 Stearate
Kessco PEG 4000 Monostearate (Armak)	PEG-75 Stearate
Kessco PEG 6000 Monostearate (Armak)	PEG-150 Stearate
Kessco PGML-X533 (Armak)	Propylene Glycol Laurate
Kessco PGMS-R (Armak)	Propylene Glycol Stearate
Kessco PGMS-X174 (Armak)	Propylene Glycol Stearate SE
Kessco PGMS-X534F (Armak)	Propylene Glycol Stearate
Kessco PGMS-8615 (Armak)	Propylene Glycol Stearate SE
Kessco Propylene Glycol Monostearate Pure (Armak)	Propylene Glycol Stearate
Kessco Triacetin (Armak)	Triacetin
Kessco X-159 (Armak)	Lauramide MEA
Kessco X-211 (Armak)	PEG-150 Distearate
Kessco X-330 (Armak)	Trimethylolpropane Trioctanoate
Kessco X-636 (Armak)	Glyceryl Stearate (and) PEG-75 Stearate
Kessco X-650 (Armak)	Isoamyl Laurate
Kessco X-668 (Armak)	Glyceryl Laurate (and) PEG-12 Laurate
Kessco X-675 (Armak)	Glyceryl Laurate
Kessco 639 (Armak)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate

**Kessco 653 (Armak)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Kessco 653 (Armak) Kessco 654 (Armak) Kessco 675 (Armak) Kessco 3283 (Armak)	Cetyl Palmitate Cetyl Myristate Glyceryl Laurate Propylene Glycol Soyate
Kinolingult (Sweden)	D & C Yellow No. 10 (or) Acid Yellow 3 ■
Klearol White Mineral Oil (Witco)	Mineral Oil
Klorofyll (Sweden) Klucel (Hercules)	Chlorophyllin-Copper Complex Hydroxypropyl Cellulose
Klucel H (Hercules) Klucel HF (Hercules) Klucel HP (Hercules) Klucel M (Hercules)	Hydroxypropyl Cellulose Hydroxypropyl Cellulose Hydroxypropyl Cellulose Hydroxypropyl Cellulose
Kosol Krameria Extract Kromfax (Union Carbide)	Amylopectin Krameria Extract Thiodiglycol
— L —	
L-310 (Procter & Gamble) Lacer Brand Wax Type 'Max' (Dura) Lactic Acid Lactose Ladwax 19659 (Dreyfus)	Linseed Acid Pentaerythritol Tetrastearate (and) Calcium Stearate Lactic Acid Lactose Paraffin (and) Isobutylene/Isoprene Copolymer
Lakolene Green #1 Replacement B-3323 (Kohnstamm)	FD & C Blue No. 1 Aluminum Lake (and) FD & C Yellow No. 5 Aluminum Lake
Lakolene Red No. 4 Replacement B-3364 (Kohnstamm)	FD & C Red No. 3 Aluminum Lake (and) FD & C Yellow No. 6 Aluminum Lake (and) FD & C Red No. 2 Aluminum Lake
Lamacit CA (Gruenau)	Ceteth-16
Lamacit ER (Gruenau)	PEG-20 Glyceryl Ricinoleate (and) Ricinoleamide DEA
Lamacit KW 80-18 (Gruenau) Lamacit PL (Gruenau) Lamacit PO (Gruenau) Lamacit 877 (Gruenau)	Nonoxynol-18 PEG-20 Pentaerythritol Laurate PEG-30 Pentaerythritol Oleate Nonoxynol-14
Lamecreme SA7 (Gruenau) Lamegin CSL (Gruenau) Lamegin EE-50 (Gruenau)	Steareth-7 Calcium Stearoyl Lactylate Acetylated Hydrogenated Tallow Glyceride
Lamegin EE-70 (Gruenau)	Acetylated Hydrogenated Tallow Glyceride
Lamegin EE-90 (Gruenau)	Acetylated Hydrogenated Tallow Glyceride
Lamegin GLP-10 (Gruenau)	Hydrogenated Tallow Glyceride Lactate
Lamegin GLP-20 (Gruenau)	Hydrogenated Tallow Glyceride Lactate

**Lanasan CL (Sandoz)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lamegin NSL (Gruenau) Lamegin ZE-30 (Gruenau)	Sodium Stearoyl Lactylate Hydrogenated Tallow Glyceride Citrate
Lamegin ZE-60 (Gruenau)	Hydrogenated Tallow Glyceride Citrate
Lamepon PA-TR (Gruenau)	TEA-Abietoyl Hydrolyzed Animal Protein
Lamepon PO-TR (Gruenau)	TEA-Oleooyl Hydrolyzed Animal Protein
Lamepon S (Gruenau)	Potassium Coco-Hydrolyzed Animal Protein
Lamepon S-TR (Gruenau)	TEA-Coco-Hydrolyzed Animal Protein
Lamepon S-2 (Gruenau)	Potassium Coco-Hydrolyzed Animal Protein
Lamepon S2-TR (Gruenau)	TEA-Coco-Hydrolyzed Animal Protein
Lamepon UD (Gruenau)	Potassium Undecylenoyl Hydrolyzed Animal Protein
Lanacet (Malmstrom) Lanacid (Malmstrom)	Acetylated Lanolin Lanolin Acid
Lanaetex CLC (Lanaetex)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Lanaetex L-15 (Lanaetex)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Lanaetex-75 (Lanaetex) Lanalan (Lanaetex) Lanalene L (Stepan)	Acetylated Lanolin Alcohol Lanolin (and) Lanolin Alcohol Isopropyl Lanolate
Lanalene Liquid ACE 2 (Stepan) Lanalene Liquid ACE 5 (Stepan)	Acetylated Lanolin Alcohol Cetyl Acetate (and) Acetylated Lanolin Alcohol
Lanalene Liquid LIN (Stepan) Lanalene Liquid 40 Special (Stepan)	Lanolin Linoleate Isobutylated Lanolin Oil
Lanalene Liquid 50 Super (Stepan)	Lanolin Oil
Lanalene Liquid 60 (Stepan) Lanalene P (Stepan) Lanalene RIC 2 (Stepan) Lanalene S (Stepan) Lanalol (Lanaetex)	Lanolin Oil Isopropyl Lanolate Castor Oil (and) Lanolin Isopropyl Lanolate Petrolatum (and) Lanolin (and) Lanolin Alcohol
Lanalol Distilled (Stepan) Lanalol Standard (Stepan) Lanalol W2 (Stepan) Lanalox L30 (Stepan) Lanalox L75 (Stepan)	Lanolin Alcohol Lanolin Alcohol Lanolin Alcohol PEG-30 Lanolin PEG-75 Lanolin
Lanalox SLW (Stepan) Lanalox W20 (Stepan) Lanamid 50 (Lancaster)	Laneth-20 (and) Lanolin Oil Laneth-20 Cocamide DEA
Lanamid 55 (Lancaster) Lanamid 120 (Lancaster) Lanamid 120S (Lancaster) Lanamid 150 (Lancaster) Lanamid 7031 (Lancaster)	Cocamide DEA Cocamide DEA Cocamide DEA Cocamide DEA Lauramide DEA
Lanamid 7032 (Lancaster) Lanapene (Lanaetex) Lan-Aqua-Sol Hydrophilic (Fanning) Lan-Aqua-Sol Super-Hydrophilic (Fanning) Lanasan CL (Sandoz)	Lauramide DEA Isopropyl Lanolate (and) Lecithin PEG-40 Lanolin PEG-85 Lanolin Hydrolyzed Animal Protein

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Lanasyn Black BGL (Sandoz)**

**Lauryl Amine**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lanasyn Black BGL (Sandoz)	Acid Black 131
Lanasyn Black M (Sandoz)	Acid Black 107
Lanasyn Bordeaux GRL (Sandoz)	Acid Red 213
Lanasyn Brilliant Yellow 5GL (Sandoz)	Acid Yellow 127
Lanasyn Brown GL (Sandoz)	Acid Brown 19
Lanasyn Brown 2RL (Sandoz)	Acid Brown 45
Lanasyn Brown 3RL (Sandoz)	Acid Brown 30
Lanasyn Grey BL (Sandoz)	Acid Black 58
Lanasyn Orange RL (Sandoz)	Acid Orange 86
Lanasyn Yellow GL (Sandoz)	Acid Yellow 114
Lanasyn Yellow 2RL (Sandoz)	Acid Orange 80
Lanatein-25 (Lanaetex)	PEG-75 Lanolin (and) Hydrolyzed Animal Protein
Lancol (Lanaetex)	Oleyl Alcohol
Lanesta L (Stepan)	Isopropyl Lanolate
Lanesta P.S. (Stepan)	Isopropyl Lanolate
Laneth-5	Laneth-5
Laneth-9 Acetate	Laneth-9 Acetate
Laneth-10	Laneth-10
Laneth-10 Acetate	Laneth-10 Acetate
Laneth-15	Laneth-15
Laneth-16	Laneth-16
Laneth-20	Laneth-20
Laneth-25	Laneth-25
Laneth-40	Laneth-40
Laneth-75	Laneth-75
Laneto 50 (R.I.T.A.)	PEG-50 Lanolin
Laneto 100 (R.I.T.A.)	PEG-50 Lanolin
Lanexol AWS (Croda)	PPG-12-PEG-50 Lanolin
Lanfrax (Malmstrom)	Lanolin Wax
Lanfrax, Deodorized (Malmstrom)	Lanolin Wax
Lanfrax WS55 (Malmstrom)	PEG-75 Lanolin Wax
Lanion-27 (Lanaetex)	PEG-75 Lanolin (and) Stearalkonium Chloride
Lanion-28 (Lanaetex)	Lanolin Alcohol (and) Stearalkonium Chloride
Lanocerin (Robinson-Wagner)	Lanolin Wax
Lan-o-Derm (Clintwood)	Isopropyl Isostearate
Lanogel 21 (Robinson-Wagner)	PEG-27 Lanolin
Lanogel 31 (Robinson-Wagner)	PEG-40 Lanolin
Lanogel 41 (Robinson-Wagner)	PEG-75 Lanolin
Lanogel 61 (Robinson-Wagner)	PEG-85 Lanolin
Lanogene (Robinson-Wagner)	Lanolin Oil
Lanoil (Lanaetex)	Lanolin Oil
Lanoil Water/Alcohol Soluble Lanolin (Lanaetex)	PEG-75 Lanolin Oil
Lanola 90 (Lanaetex)	PEG-8 Stearate (and) Lanolin
Lanolic Acids	Lanolin Acid
Lanolin	Lanolin
Lanolin A. C. (Lanaetex)	Acetylated Lanolin
Lanolin Acetate (Stepan)	Acetylated Lanolin
Lanolin Acid	Lanolin Acid
Lanolin Alcohol	Lanolin Alcohol
Lanolin Alcohol, Hydrogenated	Hydrogenated Lanolin Alcohol
Lanolinamide DEA	Lanolinamide DEA
Lanolin, Anhydrous	Lanolin
Lanolin Diethanolamide	Lanolinamide DEA
Lanolin Fatty Acids	Lanolin Acid
Lanolin, Hydrogenated	Hydrogenated Lanolin
Lanolin Linoleate	Lanolin Linoleate
Lanolin Oil	Lanolin Oil
Lanolin Ricinoleate	Lanolin Ricinoleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lanolin Wax	Lanolin Wax
Lanosil (Lanaetex)	Lanolin (and) Isopropyl Lanolate
Lanosterol	Lanosterol
Lanthanum Chloride	Lanthanum Chloride
Lantox 55 (Lanaetex)	PEG-75 Lanolin
Lantox 110 (Lanaetex)	PEG-75 Lanolin
Lantrol (Malmstrom)	Lanolin Oil
Lantrol AWS (Malmstrom)	PEG-75 Lanolin Oil
Lanycol-30 (Lanaetex)	Laureth-4
Lanycol-58 (Lanaetex)	Ceteth-20
Laponite CP (Laporte)	Sodium Magnesium Silicate
Laponite SP (Laporte)	Sodium Magnesium Silicate
Laponite XLG (Laporte)	Sodium Magnesium Silicate
Laponite XLS (Laporte)	Sodium Magnesium Silicate
Laponite 1001 (Laporte)	Sodium Magnesium Fluorosilicate
Laponite 1501 (Laporte)	Sodium Magnesium Fluorosilicate
Laponite 1502 (Laporte)	Sodium Magnesium Fluorosilicate
Laponite 2001 (Laporte)	Sodium Magnesium Silicate
Laponite 2101 (Laporte)	Sodium Magnesium Silicate
Laponite 2501 (Laporte)	Sodium Magnesium Silicate
Laponite 2601 (Laporte)	Sodium Magnesium Silicate
Lapyrium Chloride	Lapyrium Chloride
Lard	Lard
Lard Glyceride	Lard Glyceride
Lard Glycerides	Lard Glycerides
Lard, Hydrogenated	Hydrogenated Lard
Lathanol LAL (Stepan)	Sodium Lauryl Sulfoacetate
Lauralkonium Chloride	Lauralkonium Chloride
Lauramide DEA	Lauramide DEA
Lauramide MEA	Lauramide MEA
Lauramide MIPA	Lauramide MIPA
Lauramidopropyl Dimethylamine	Lauramidopropyl Dimethylamine
Lauramine	Lauramine
Lauramine Oxide	Lauramine Oxide
Lauraminopropionic Acid	Lauraminopropionic Acid
Laureth-1	Laureth-1
Laureth-2	Laureth-2
Laureth-3	Laureth-3
Laureth-4	Laureth-4
Laureth-5	Laureth-5
Laureth-6	Laureth-6
Laureth-7	Laureth-7
Laureth-8	Laureth-8
Laureth-8 Phosphate	Laureth-8 Phosphate
Laureth-9	Laureth-9
Laureth-10	Laureth-10
Laureth-11	Laureth-11
Laureth-12	Laureth-12
Laureth-13	Laureth-13
Laureth-15	Laureth-15
Laureth-20	Laureth-20
Laureth-23	Laureth-23
Laureth-25	Laureth-25
Laureth-30	Laureth-30
Laureth-40	Laureth-40
Lauric Acid	Lauric Acid
Lauric Acid Diethanolamide	Lauramide DEA
Lauric Diethanolamide	Lauramide DEA
Lauroil (Audel)	Isodecyl Laurate
Lauroyl Diethanolamide	Lauramide DEA
Lauroyl Isopropanolamide	Lauramide MIPA
Lauroyl N-Methylglycine	Lauroyl Sarcosine
Lauroyl Monoethanolamide	Lauramide MEA
Lauroyl Sarcosine	Lauroyl Sarcosine
Laurtrimonium Chloride	Laurtrimonium Chloride
Lauryl Alcohol	Lauryl Alcohol
*Lauryl Amine	Lauramine

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Lauryl Aminopropylglycine**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lauryl Aminopropylglycine	Lauryl Aminopropylglycine
Lauryl Betaine	Lauryl Betaine
N-(Lauryl Colamino Formyl Methyl) Pyridinium Chloride	Lapyrium Chloride
Lauryl Diethylenediaminoglycine	Lauryl Diethylenediaminoglycine
Lauryl Dimethyl Amine	Dimethyl Lauramine
Lauryl Dimethyl Amine Oxide	Lauramine Oxide
Lauryl Dimethyl Benzyl Ammonium Chloride	Lauralkonium Chloride
Lauryl Dimethyl Glycine	Lauryl Betaine
Lauryl Isoquinolinium Bromide	Lauryl Isoquinolinium Bromide
Lauryl Lactate	Lauryl Lactate
Lauryl Methacrylate	Lauryl Methacrylate
N-Lauryl, Myristyl β-Aminopropionic Acid	Lauraminopropionic Acid
*Laurylpyridinium Chloride	Laurylpyridinium Chloride
Lauryl Sulfobetaine	Lauryl Sultaine
Lauryl Sultaine	Lauryl Sultaine
Lauryl Trimethyl Ammonium Chloride	Laurtrimonium Chloride
Lavender Flowers Oil	Lavender Oil
Lavender Oil	Lavender Oil
Lead Acetate	Lead Acetate
Lecithin	Lecithin
*Lemon Balm	Balm Mint Oil
Lemon Bioflavonoid Complex (Sunkist Growers)	Bioflavonoids
Lemon Extract	Lemon Extract
Lemongrass Oil	Lemongrass Oil
Lemon Juice	Lemon Juice
Lemon Juice Powder	Lemon Juice Powder
Lemon Oil	Lemon Oil
Lexate CRC (Inolex)	Stearamidopropyl Dimethylamine (and) Glycol Stearate (and) Ceteth-2
Lexemul DGS (Inolex)	Stearic Acid (and) PEG-2 Stearate
Lexemul 561 (Inolex)	Glyceryl Stearate (and) PEG-100 Stearate
Lexinol M-29 (American Lecithin)	Lecithin (and) Glyceryl Stearate (and) Isopropyl Alcohol
Licorice	Licorice
Licorice Root	Licorice
Light Green SF Yellowish	Acid Green 5
Light Mineral Oil	Mineral Oil
Light Rubine Lake (Sun)	D & C Red No. 6 Barium Lake
Ligroin	Mineral Spirits
Lily White (Penreco)	Petrolatum
Lime	Calcium Oxide
Lime Sulfur	Lime Sulfur
Lime-Tree Extract	Linden Extract
Lime Water	Calcium Hydroxide
DL-Limonene	Dipentene
Linamine HC-2 (Knapp)	DEA-Linoleate
Linden Extract	Linden Extract
Linoleamide	Linoleamide
Linoleamide DEA	Linoleamide DEA
Linoleamide MEA	Linoleamide MEA
Linoleamide MIPA	Linoleamide MIPA
Linoleic Acid	Linoleic Acid
Linoleic Acid Amide	Linoleamide
Linoleoyl Diethanolamide	Linoleamide DEA
Linoleoyl Monoethanolamide	Linoleamide MEA
Linoleoyl Monoisopropanolamide	Linoleamide MIPA

**Lipocol SC-15 (Lipo)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Linseed Acid	Linseed Acid
Linseed Oil	Linseed Oil
Linseed Oil Fatty Acid	Linseed Acid
Linsol ETO (Lanaetex)	Laneth-10 Acetate
Lion English Kaolin (Chrystal)	Kaolin
*Lipal 3TD (PVO)	Trideceth-3
Lipal 4CSA (PVO)	Ceteareth-4
Lipal 4LA (PVO)	Laureth-4
Lipal 4MA (PVO)	Myreth-4
Lipal 50A (PVO)	Oleth-5
Lipal 6CSA (PVO)	Ceteareth-6
*Lipal 6TD (PVO)	Trideceth-6
Lipal 9C (PVO)	PEG-9 Castor Oil
Lipal 9LA (PVO)	Laureth-9
Lipal 100A (PVO)	Oleth-10
*Lipal 10TD (PVO)	Trideceth-10
Lipal 12LA (PVO)	Laureth-12
Lipal 15CSA (PVO)	Ceteareth-15
Lipal 200A (PVO)	Oleth-20
Lipal 20SA (PVO)	Steareth-20
Lipal 23LA (PVO)	Laureth-23
Lipal 25C (PVO)	PEG-25 Castor Oil
Lipal 250A (PVO)	Oleth-25
Lipal 30SA (PVO)	Steareth-30
*Lipal 39S (PVO)	PEG-40 Stearate
Lipal 500A (PVO)	Oleth-50
Lipal 50S (PVO)	PEG-50 Stearate
Lipal 300DL (PVO)	PEG-6 Dilaurate
Lipal 300S (PVO)	PEG-6 Stearate
Lipal 300W (PVO)	PEG-6 Oleate
Lipal 400DL (PVO)	PEG-8 Dilaurate
Lipal 400DS (PVO)	PEG-8 Distearate
Lipal 400L (PVO)	PEG-8 Laurate
Lipal 400OL (PVO)	PEG-8 Oleate
Lipal 400S (PVO)	PEG-8 Stearate
Lipamide S (Lipo)	Stearamide DEA
Lipocol B (Lipo)	PEG-9 Stearate (and) PEG-9 Laurate
Lipocol C-2 (Lipo)	Ceteth-2
Lipocol C-4 (Lipo)	Ceteth-4
Lipocol C-10 (Lipo)	Ceteth-10
Lipocol C-20 (Lipo)	Ceteth-20
Lipocol C-30 (Lipo)	Ceteth-30
Lipocol EST (Lipo)	Sodium Tridecyl Sulfate
Lipocol L-1 (Lipo)	Laureth-1
Lipocol L-4 (Lipo)	Laureth-4
Lipocol L-12 (Lipo)	Laureth-12
Lipocol L-23 (Lipo)	Laureth-23
Lipocol M-4 (Lipo)	Myreth-4
Lipocol O-2 (Lipo)	Oleth-2
Lipocol O-3 (Lipo)	Oleth-3
Lipocol O-5 (Lipo)	Oleth-5
Lipocol O-10 (Lipo)	Oleth-10
Lipocol O-20 (Lipo)	Oleth-20
Lipocol O-25 (Lipo)	Oleth-25
Lipocol PT-400 (Lipo)	Trideceth-12
Lipocol S-2 (Lipo)	Steareth-2
Lipocol S-10 (Lipo)	Steareth-10
Lipocol S-20 (Lipo)	Steareth-20
Lipocol SC-3 (Lipo)	Ceteareth-3
Lipocol SC-4 (Lipo)	Ceteareth-4
Lipocol SC-6 (Lipo)	Ceteareth-6
Lipocol SC-8 (Lipo)	Ceteareth-8
Lipocol SC-10 (Lipo)	Ceteareth-10
Lipocol SC-12 (Lipo)	Ceteareth-12
Lipocol SC-15 (Lipo)	Ceteareth-15

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Lipocol SC-20 (Lipo)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lipocol SC-20 (Lipo)	Cetareth-20
Lipocol SC-30 (Lipo)	Cetareth-30
Lipocol SS (Lipo)	Stearyl Stearate
Lipocol TD-3 (Lipo)	Trideceth-3
Lipocol TD-6 (Lipo)	Trideceth-6
Lipocol TD-12 (Lipo)	Trideceth-12
Lipo DGLS (Lipo)	PEG-2 Laurate
Lipofruit Carrot (Lipo)	Glycerin (and) Carrot Juice
Lipofruit Cucumber (Lipo)	Glycerin (and) Cucumber Juice
Lipofruit Lemon (Lipo)	Propylene Glycol (and) Lemon Juice (and) Lemon Oil
Lipofruit Melon (Lipo)	Glycerin (and) Honeydew Melon Juice
Lipofruit Peach (Lipo)	Glycerin (and) Peach Juice
Lipofruit Peach Nectar (Lipo)	Propylene Glycol (and) Peach Juice (and) Carrageenan
Lipofruit Strawberry (Lipo)	Glycerin (and) Strawberry Juice
Lipofruit White Grape (Lipo)	Glycerin (and) Grape Juice
Lipo GMS 410 (Lipo)	Glyceryl Stearate
Lipo GMS 450 (Lipo)	Glyceryl Stearate
Lipo GMS 470 (Lipo)	Glyceryl Stearate SE
Lipo GMS 600 (Lipo)	Glyceryl Stearate
Lipolan (Lipo)	Hydrogenated Lanolin
Lipolan 31 (Lipo)	PEG-24 Hydrogenated Lanolin
Lipomulse 165 (Lipo)	Glyceryl Stearate (and) PEG-100 Stearate
Liponate EM (Lipo)	Ethyl Morrhuate
Liponate L (Lipo)	Propylene Glycol Diisononanoate
Liponic EG-1 (Lipo)	Glycereth-26
Lipo-Peg 1-L (Lipo)	PEG-2 Laurate
Lipo-Peg 1-O (Lipo)	PEG-2 Oleate
Lipo-Peg 1-S (Lipo)	PEG-2 Stearate
Lipo-Peg 2 Di Laurate (Lipo)	PEG-4 Dilaurate
Lipo-Peg 2-L (Lipo)	PEG-4 Laurate
Lipo-Peg 2-S (Lipo)	PEG-4 Stearate
Lipo-Peg 3 Di Laurate (Lipo)	PEG-6 Dilaurate
Lipo-Peg 3-O (Lipo)	PEG-6 Oleate
Lipo-Peg 3-S (Lipo)	PEG-6 Stearate
Lipo-Peg 4 Di Laurate (Lipo)	PEG-8 Dilaurate
Lipo-Peg 4 Di Oleate (Lipo)	PEG-8 Dioleate
Lipo-Peg 4-L (Lipo)	PEG-8 Laurate
Lipo-Peg 4-O (Lipo)	PEG-8 Oleate
Lipo-Peg 4-S (Lipo)	PEG-8 Stearate
Lipo-Peg 6-L (Lipo)	PEG-12 Laurate
Lipo-Peg 6-O (Lipo)	PEG-12 Oleate
Lipo-Peg 6-S (Lipo)	PEG-12 Stearate
Lipo-Peg 10 Di Stearate (Lipo)	PEG-20 Distearate
Lipo-Peg 10-S (Lipo)	PEG-20 Stearate
Lipo-Peg 15-S (Lipo)	PEG-6-32 Stearate
Lipo-Peg 16-S (Lipo)	PEG-35 Stearate
Lipo-Peg 20-S (Lipo)	PEG-45 Stearate
Liposorb L (Lipo)	Sorbitan Laurate
Liposorb L-10 (Lipo)	PEG-10 Sorbitan Laurate
Liposorb L-20 (Lipo)	Polysorbate 20
Liposorb O (Lipo)	Sorbitan Oleate
Liposorb O-5 (Lipo)	Polysorbate 81
Liposorb O-20 (Lipo)	Polysorbate 80
Liposorb P (Lipo)	Sorbitan Palmitate
Liposorb P-20 (Lipo)	Polysorbate 40
Liposorb S (Lipo)	Sorbitan Stearate
Liposorb S-4 (Lipo)	Polysorbate 61
Liposorb S-20 (Lipo)	Polysorbate 60
Liposorb SC (Lipo)	Sorbitan Stearate
Liposorb SQO (Lipo)	Sorbitan Sesquioleate
Liposorb TO (Lipo)	Sorbitan Trioleate
Liposorb TO-20 (Lipo)	Polysorbate 85
Liposorb TS (Lipo)	Sorbitan Tristearate

**Lo Micron Red 2505 (Thomasset)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Liposorb TS-20 (Lipo)	Polysorbate 65
Lipovol A (Lipo)	Avocado Oil
Lipovol ALM (Lipo)	Sweet Almond Oil
Lipovol CP (Lipo)	Cherry Pit Oil
Lipovol P (Lipo)	Apricot Kernel Oil
Lipovol Sun (Lipo)	Sunflower Seed Oil
Lipowax (Lipo)	Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Synthetic Spermacti (and) Myristyl Alcohol
Liquax 488 (Dura)	Microcrystalline Wax (and) Zinc Stearate
Liquid Paraffin	Mineral Oil
Liquid Phenol	Phenol
*Liquilan (Robinson-Wagner)	Mineral Oil (and) Lanolin Oil
Liteteck (Penreco)	Mineral Oil
Lithium Chloride	Lithium Chloride
Lithium Hydrate	Lithium Hydroxide
Lithium Hydroxide	Lithium Hydroxide
Lithium Stearate	Lithium Stearate
*Lithol Red	D & C Red No. 10 (or) Pigment Red 49 ■
*Lithol Red Ba	D & C Red No. 12 (or) Pigment Red 49:1 ■
*Lithol Red Ca	D & C Red No. 11 (or) Pigment Red 49:2 ■
*Lithol Red R	D & C Red No. 10 (or) Pigment Red 49 ■
*Lithol Red Sr	D & C Red No. 13 (or) Pigment Red 49:3 ■
*Lithol Rubin B	D & C Red No. 6 (or) Pigment Red 57 ■
*Lithol Rubin B Ca	D & C Red No. 7 (or) Pigment Red 57:1 ■
Locron Extra (American Hoechst)	Aluminum Chlorohydrate
Locron Flakes (American Hoechst)	Aluminum Chlorohydrate
Locron Powder (American Hoechst)	Aluminum Chlorohydrate
Locron Solution (American Hoechst)	Aluminum Chlorohydrate
Locust Bean Gum	Locust Bean Gum
Lomar PWC (Diamond Shamrock)	Sodium Polynaphthalene Sulfonate
Lo Micron Black 2515 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Brown 2582 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Brown 2593 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Brown 3567 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Brown 4075 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Extender Umber 3541 (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
Lo Micron Green 3597 (Thomasset)	Chromium Hydroxide Green
Lo Micron Pink Extender 3572 (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
Lo Micron Pink 2511 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Pink 3571 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Pink 4511 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Red 2011 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Red 2503 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Red 2505 (Thomasset)	Talc (and) Iron Oxides (and) Kaolin

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Lo Micron Red 2513 (Thomasset)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Lo Micron Red 2513 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Scarlet 1112 (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
Lo Micron Sienna 3089 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Suntan 2500 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Suntan 2502 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Suntan 2509 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Suntan 2530 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Talc, BC 1621 (Whittaker, Clark & Daniels)	Talc
Lo Micron Talc USP, BC 2755 (Whittaker, Clark & Daniels)	Talc
Lo Micron Talc 1 (Whittaker, Clark & Daniels)	Talc
Lo Micron Tan 3088 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Ultra Blue 2516 (Thomasset)	Ultramarine Blue (and) Talc
Lo Micron Umber 2736 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Umber 3528 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Yellow Extender 3566 (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
Lo Micron Yellow Lake 5217 (Thomasset)	D & C Yellow No. 5 Aluminum Lake
Lo Micron Yellow 2576 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Yellow 2600 (Thomasset)	Iron Oxides (and) Talc
Lo Micron Yellow 3074 (Thomasset)	Iron Oxides (and) Talc
Lonzaine C (Lonza)	Cocamidopropyl Betaine
Lonzaine CS (Lonza)	Cocamidopropyl Sultaine
Lonzaine OS (Lonza)	Oleamidopropyl Sultaine
*Lonzaine 10S (Lonza)	Decyl Betaine
Lonzaine 12C (Lonza)	Coco-Betaine
Lonzaine 12CS (Lonza)	Coco-Sultaine
Lonzaine 14 (Lonza)	Lauryl Betaine
Lonzaine 16S (Lonza)	Cetyl Betaine
Lonzaine 18S (Lonza)	Stearyl Betaine
Lonzest PEG-4DL (Lonza)	PEG-4 Dilaurate
Lonzest PEG-4DO (Lonza)	PEG-8 Dioleate
Lonzest PEG-4L (Lonza)	PEG-8 Laurate
Lonzest PEG-4O (Lonza)	PEG-8 Oleate
Lonzest 143-S (Lonza)	Myristyl Propionate
Loramine Wax (Croda)	Peanutamide MEA
Lorol (DuPont)	Coconut Alcohol
Lorol 5 (DuPont)	Lauryl Alcohol
Lorol 24 (DuPont)	Cetyl Alcohol
Lorcl 28 (DuPont)	Stearyl Alcohol
Lovage Oil	Lovage Oil
Luminex (Ikeda Bussan Kaisha)	Quaternium-45
Lustre Phos 'H' (Monsanto)	Tricalcium Phosphate
Luviskol (BASF-Wyandotte)	PVP
Lytron 820 (Monsanto)	Styrene/Maleic Anhydride Copolymer
— M —	
Macaloid (NL Industries)	Hectorite
Macrogol 200	PEG-4
Macrogol 300	PEG-6
Macrogol 400	PEG-8
Macrogol 1500	PEG-6-32

## Maprofix 60S (Onyx)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Macrogol 1540	PEG-32
Macrogol 4000	PEG-75
Macrogol 6000	PEG-150
Macrogol Stearate 400	PEG-8 Stearate
Macrogol Stearate 2000	PEG-40 Stearate
Magnesite	Magnesium Carbonate Hydroxide
Magnesium Aluminum Silicate	Magnesium Aluminum Silicate
Magnesium Carbonate	Magnesium Carbonate
Magnesium Carbonate Hydroxide	Magnesium Carbonate Hydroxide
Magnesium Cocoate	Magnesium Cocoate
Magnesium Hydroxide	Magnesium Hydroxide
Magnesium Lanolate	Magnesium Lanolate
Magnesium Laureth Sulfate	Magnesium Laureth Sulfate
Magnesium Lauryl Ether Sulfate	Magnesium Laureth Sulfate
Magnesium Lauryl Sulfate	Magnesium Lauryl Sulfate
Magnesium Myristate	Magnesium Myristate
Magnesium Octadecanoate	Magnesium Stearate
Magnesium Oxide	Magnesium Oxide
Magnesium Palmitate	Magnesium Palmitate
Magnesium Phosphate, Tribasic	Trimagnesium Phosphate
Magnesium Silicate	Magnesium Silicate
Magnesium Stearate	Magnesium Stearate
Magnesium Sulfate	Magnesium Sulfate
Magnesium Tallowate	Magnesium Tallowate
Magnesium Trisilicate	Magnesium Trisilicate
Maize Oil	Corn Oil
Makon 4 (Stepan)	Nonoxynol-4
Makon 6 (Stepan)	Nonoxynol-6
Makon 8 (Stepan)	Nonoxynol-8
Makon 10 (Stepan)	Nonoxynol-10
Makon 12 (Stepan)	Nonoxynol-12
Makon 14 (Stepan)	Nonoxynol-14
Makon 20 (Stepan)	Nonoxynol-20
Makon 30 (Stepan)	Nonoxynol-30
Maleic Acid	Maleic Acid
Maleic Anhydride	Maleic Anhydride
Malic Acid	Malic Acid
Mallow Blossom Extract	Mallow Extract
Mallow Extract	Mallow Extract
Malt Extract	Malt Extract
Malt Extract (Premier Malt Products)	Malt Extract
Manchu Orange (Sun)	D & C Orange No. 5 Aluminum Lake
Manganese Ammonium Pyrophosphate	Manganese Violet
Manganese Violet	Manganese Violet
Mango Violet (Sun)	Manganese Violet
Mango Violet C43-001 (Sun)	Manganese Violet
Mango Violet C43-3001 (Sun)	Manganese Violet
Mannitol	Mannitol
Maprofix DLS-35 (Onyx)	DEA-Lauryl Sulfate
Maprofix ES (Onyx)	Sodium Laureth Sulfate
Maprofix ESY (Onyx)	Sodium Laureth Sulfate
Maprofix LK (Onyx)	Sodium Lauryl Sulfate
Maprofix MB (Onyx)	Ammonium Laureth Sulfate
Maprofix MBO (Onyx)	Ammonium Laureth Sulfate
Maprofix MG (Onyx)	Magnesium Lauryl Sulfate
Maprofix MSP 90 (Onyx)	Sodium Myristyl Sulfate
Maprofix NH (Onyx)	Ammonium Lauryl Sulfate
Maprofix NHL (Onyx)	Ammonium Lauryl Sulfate
Maprofix TLS 65 (Onyx)	TEA-Lauryl Sulfate
Maprofix TLS 500 (Onyx)	TEA-Lauryl Sulfate
Maprofix TLS 513 (Onyx)	TEA-Lauryl Sulfate
*Maprofix WA (Onyx)	Sodium Lauryl Sulfate
Maprofix WAX LV-5 (Onyx)	Sodium Lauryl Sulfate
Maprofix 60S (Onyx)	Sodium Laureth Sulfate



**Maprofix 563 (Onyx)**

**Meroxapol 178**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Maprofix 563 (Onyx)	Sodium Lauryl Sulfate
Maprosyl C (Onyx)	Cocoyl Sarcosine
Maprosyl L (Onyx)	Lauroyl Sarcosine
Maprosyl O (Onyx)	Oleoyl Sarcosine
Maprosyl 30 (Onyx)	Sodium Lauroyl Sarcosinate
Maracell E (American Can)	Sodium Lignosulfonate
Marasperse C-21 (American Can)	Calcium Lignosulfonate
Marasperse CB (American Can)	Sodium Lignosulfonate
Marasperse N-22 (American Can)	Sodium Lignosulfonate
Marcol 52 (Exxon)	Mineral Oil
Marcol 62 (Exxon)	Mineral Oil
Marcol 70 (Exxon)	Mineral Oil
Marcol 72 (Exxon)	Mineral Oil
Marcol 82 (Exxon)	Mineral Oil
Marcol 87 (Exxon)	Mineral Oil
Marcol 90 (Exxon)	Mineral Oil
Marcol 97 (Exxon)	Mineral Oil
Marcol 130 (Exxon)	Mineral Oil
Marcol 145 (Exxon)	Mineral Oil
Marigold Extract	Calendula Extract
Marlipal MG (Chemische Werke Huels)	Laureth-7
Marshmallow Root Extract	Althea Extract
Matricaria Extract	Matricaria Extract
Matricaria Oil	Matricaria Oil
Maypon K (Stepan)	Sodium Soya Hydrolyzed Animal Protein
Maypon KB (Stepan)	Sodium Coco-Hydrolyzed Animal Protein (and) Sodium Oleyl Betaine
Maypon K 903 (Stepan)	Sodium Soya Hydrolyzed Animal Protein
Maypon K 913 (Stepan)	Sodium Soya Hydrolyzed Animal Protein
Maypon SK (Stepan)	Sodium Coco-Hydrolyzed Animal Protein
Maypon UD (Stepan)	Potassium Undecylenoyl Hydrolyzed Animal Protein
Maypon UDT (Stepan)	TEA-Undecylenoyl Hydrolyzed Animal Protein
*Maypon 4C (Stepan)	Potassium Coco-Hydrolyzed Animal Protein
*Maypon 4CT (Stepan)	TEA-Coco-Hydrolyzed Animal Protein
MDMH	MDM Hydantoin
MDM Hydantoin	MDM Hydantoin
MEA-Laureth Sulfate	MEA-Laureth Sulfate
MEA-Lauryl Sulfate	MEA-Lauryl Sulfate
Mearlite GBU (Mearl)	Bismuth Oxychloride
Mearlite GEH (Mearl)	Bismuth Oxychloride (and) Castor Oil
Mearlite GEJ (Mearl)	Bismuth Oxychloride (and) Mineral Oil (and) Sodium Oleate
Mearlite GEM (Mearl)	Bismuth Oxychloride (and) Castor Oil (and) Sodium Oleate
Mearlite GGH (Mearl)	Bismuth Oxychloride (and) Water
Mearlite GGO (Mearl)	Bismuth Oxychloride (and) Sorbitan Trioleate
Mearlite GMU (Mearl)	Bismuth Oxychloride
Mearlite LBU (Mearl)	Bismuth Oxychloride
Mearlite LEH (Mearl)	Bismuth Oxychloride (and) Castor Oil
Mearlite LEJ (Mearl)	Bismuth Oxychloride (and) Mineral Oil (and) Sodium Oleate
Mearlite LEM (Mearl)	Bismuth Oxychloride (and) Castor Oil (and) Sodium Oleate
Mearlite LGH (Mearl)	Bismuth Oxychloride (and) Water
Mearlite LGO (Mearl)	Bismuth Oxychloride (and) Water (and) Sorbitan Trioleate
Mearlite RBU (Mearl)	Bismuth Oxychloride

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Mearlite REH (Mearl)	Bismuth Oxychloride (and) Castor Oil
Mearlite REJ (Mearl)	Bismuth Oxychloride (and) Mineral Oil (and) Sodium Oleate
Mearlite REM (Mearl)	Bismuth Oxychloride (and) Castor Oil (and) Sodium Oleate
Mearlite RGH (Mearl)	Bismuth Oxychloride (and) Water
Mearlite RGO (Mearl)	Bismuth Oxychloride (and) Sorbitan Trioleate
Mearlmaid AA (Mearl)	Water (and) Guanine (and) Isopropyl Alcohol (and) Methylcellulose
Mearlmaid BN (Mearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Isopropyl Alcohol
Mearlmaid CP (Mearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Isopropyl Alcohol
Mearlmaid FL (Mearl)	Castor Oil (and) Guanine
Mearlmaid KN (Mearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Isopropyl Alcohol
Mearlmaid OL (Mearl)	Isopropyl Alcohol (and) Guanine (and) Polysorbate-80
Mearlmaid PLN (Mearl)	Water (and) Carbomer-940 (and) Guanine (and) Methylcellulose
Mearlmaid PLO (Mearl)	Water (and) Carbomer-940 (and) Guanine (and) Methylcellulose
Mearlmaid RN (Mearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Isopropyl Alcohol
Mearlmaid TR (Mearl)	Water (and) Guanine (and) TEA-Lauryl Sulfate (and) Sodium Lauryl Sulfate (and) Isopropyl Alcohol (and) Methylcellulose
Medical Fluid 360 (Dow Corning)	Dimethicone
MEK	MEK
Melamine	Melamine
Mellanblatt (Sweden)	Vat Blue 4
Melogel (National Starch)	Corn Starch
Menadione	Menadione
Menhaden Oil	Menhaden Oil
Menhaden Oil, Hydrogenated	Hydrogenated Menhaden Oil
Menthol	Menthol
l-Menthol	Menthol
Menthyl Acetate	Menthyl Acetate
Menthyl-o-Aminobenzoate	Menthyl Anthranilate
Menthyl Anthranilate	Menthyl Anthranilate
Menthyl Salicylate	Menthyl Salicylate
Mercaptoacetic Acid	Thioglycolic Acid
2-Mercaptobenzoic Acid	Thiosalicylic Acid
$\alpha$ -Mercaptopropionic Acid	Thiolactic Acid
$\beta$ -Mercaptopropionic Acid	Mercaptopropionic Acid
2-Mercaptopropionic Acid	Thiolactic Acid
3-Mercaptopropionic Acid	Mercaptopropionic Acid
Mercol 25 (Theobald)	Sodium Dodecylbenzenesulfonate
Mercol 30 (Theobald)	Sodium Dodecylbenzenesulfonate
Mercuric Oxide	Mercuric Oxide
Merit (General Mills)	Wheat Germ Oil
Meroxapol 105	Meroxapol 105
Meroxapol 108	Meroxapol 108
Meroxapol 171	Meroxapol 171
Meroxapol 172	Meroxapol 172
Meroxapol 174	Meroxapol 174
Meroxapol 178	Meroxapol 178

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Merxapol 251	Merxapol 251
Merxapol 252	Merxapol 252
Merxapol 254	Merxapol 254
Merxapol 255	Merxapol 255
Merxapol 258	Merxapol 258
Merxapol 311	Merxapol 311
Merxapol 312	Merxapol 312
Merxapol 314	Merxapol 314
Merquat-100 (Merck)	Quaternium-40
Merquat-550 (Merck)	Quaternium-41
Merrie Pink 7252 (Thomasset)	D & C Red No. 21 Zirconium Lake
Merthiolate (Eli Lilly)	Thimerosal
Metahomomenthyl Salicylate	Homosalate
Methanal	Formaldehyde
Methanol	Methyl Alcohol
Methenamine	Methenamine
Methicone	Methicone
Methionine	Methionine
Methocel J 12 HS (Dow)	Hydroxypropyl Methylcellulose
Methocel MC (Dow)	Methylcellulose
Methocel XD-1214 (Dow)	Hydroxypropyl Methylcellulose
Methocel XD-1214.44 (Dow)	Hydroxypropyl Methylcellulose
Methocel 60 HG (Dow)	Hydroxypropyl Methylcellulose
Methocel 65 HG (Dow)	Hydroxypropyl Methylcellulose
Methocel 90 HG (Dow)	Hydroxypropyl Methylcellulose
Methomid 60 (Scher Bros.)	PEG-50 Tallow Amide
Methoxydiglycol	Methoxydiglycol
Methoxy Dipropylene Glycol	PPG-2 Methyl Ether
2-Methoxyethanol	Methoxyethanol
2-(2-Methoxyethoxy) Ethanol	Methoxydiglycol
p-Methoxyphenol	p-Hydroxyanisole
4-Methoxy-m-Phenylene-diamine	4-Methoxy-m-Phenylene-diamine
4-Methoxy-m-Phenylene-diamine Sulfate	4-Methoxy-m-Phenylene-diamine Sulfate
Methoxypropanol	Methoxypropanol
1-Methoxy-4-Propenylbenzene	Anethole
4-Methoxytoluene-2,5-Diamine HCl	4-Methoxytoluene-2,5-Diamine HCl
N-Methyl Acetamide	Methyl Acetamide
Methyl Acetate	Methyl Acetate
Methyl Acetyl Ricinoleate	Methyl Acetyl Ricinoleate
Methyl Alcohol	Methyl Alcohol
p-Methylaminophenol	p-Methylaminophenol
p-Methylaminophenol Sulfate	p-Methylaminophenol Sulfate
Methylbenzethonium Chloride	Methylbenzethonium Chloride
Methyl Caproate	Methyl Caproate
Methyl Caprylate	Methyl Caprylate
Methyl Carbitol (Union Carbide)	Methoxydiglycol
Methyl Cellosolve (Union Carbide)	Methoxyethanol
Methylcellulose	Methylcellulose
Methylchloroform	Trichloroethane
2,2'-Methylenebis (4-Chlorophenol)	Dichlorophene
2,2'-Methylenebis (3,4,6-Trichlorophenol)	Hexachlorophene
*Methylene Blue	Basic Blue 9
Methylene Blue 2B Conc (Sandoz)	Basic Blue 9
Methylene Chloride	Methylene Chloride
Methyl Ethyl Ketone	MEK
Methyl Eugenol	Methyl Eugenol
Methyl Gluceth-10	Methyl Gluceth-10

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Methyl Gluceth-20	Methyl Gluceth-20
Methyl Hexanoate	Methyl Caproate
Methyl Hexyl Ether	Methyl Hexyl Ether
Methyl Hydrogen Polysiloxane	Methicone
Methyl Hydrogenated Rosinate	Methyl Hydrogenated Rosinate
Methyl Hydroxymethyl Oleyl Oxazoline	Methyl Hydroxymethyl Oleyl Oxazoline
Methyl Hydroxypropyl Cellulose	Hydroxypropyl Methylcellulose
Methyl 12-Hydroxystearate	Methyl Hydroxystearate
1-Methyl-4-Isopropylbenzene	p-Cymene
Methyl Laurate	Methyl Laurate
Methyl Methacrylate	Methyl Methacrylate
Methyl Myristate	Methyl Myristate
Methyl Octanoate	Methyl Caprylate
Methyl Oleate	Methyl Oleate
Methyl p-Hydroxy Benzoate	Methylparaben
Methylparaben	Methylparaben
Methyl Parahydroxy Benzoate	Methylparaben
Methyl Parasept (Tenneco)	Methylparaben
2-Methyl-2,4-Pentenediol	Hexylene Glycol
4-Methyl-o-Phenylene-diamine	Toluene-3, 4-Diamine
Methyl Phenyl Polysiloxane	Phenyl Dimethicone
Methyl Phthalyl Ethyl Glycolate	Methyl Phthalyl Ethyl Glycolate
2-Methylpropane	Isobutane
2-Methyl-2-Propanol	t-Butyl Alcohol
Methylpropylcellulose	Methylpropylcellulose
Methyl Ricinoleate	Methyl Ricinoleate
Methyl Rosinate	Methyl Rosinate
Methyl Salicylate	Methyl Salicylate
Methyl Stearate	Methyl Stearate
Methyl and Stearyl Dimethylaminoethyl Methacrylate Quaternized with Dimethyl Sulfate	Quaternium-42
Methyl Vinyl Ether/Maleic Anhydride Copolymer	PVM/MA Copolymer
*Methyl Violet	Basic Violet 1
Metal	p-Methylaminophenol Sulfate
Metro Talc 4604 (Whittaker, Clark & Daniels)	Talc
Metro Talc 4608 (Whittaker, Clark & Daniels)	Talc
Metro Talc 4609 (Whittaker, Clark & Daniels)	Talc
Metso Beads 2048 (Philadelphia Quartz)	Sodium Metasilicate
Metso Granular (Philadelphia Quartz)	Sodium Metasilicate
Metso Pentabead 20 (Philadelphia Quartz)	Sodium Metasilicate
Metso 20 (Philadelphia Quartz)	Sodium Metasilicate
Mexenone	Benzophenone-10
Mibiron (Rona Pearl)	Mica (and) Bismuth Oxychloride
Mibiron CO (Rona Pearl)	Castor Oil (and) Bismuth Oxychloride (and) Mica
Mibiron MO (Rona Pearl)	Mineral Oil (and) Bismuth Oxychloride (and) Mica
Mibiron N CO (Rona Pearl)	Castor Oil (and) Bismuth Oxychloride (and) Mica
Mibiron N MO (Rona Pearl)	Mineral Oil (and) Bismuth Oxychloride (and) Mica
Mibiron N 2X AQ (Rona Pearl)	Bismuth Oxychloride (and) Mica (and) Water
Mibiron N-50 (Rona Pearl)	Bismuth Oxychloride (and) Mica

**Mibiron 2X AQ (Rona Pearl)**

**Monamid 150-CW (Mona)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Mibiron 2X AQ (Rona Pearl)	Bismuth Oxychloride (and) Mica (and) Water
Mibiron 50 (Rona Pearl)	Bismuth Oxychloride (and) Mica
Mica	Mica
Mica, Cosmetic, BC 280 (Whittaker, Clark & Daniels)	Mica
Michel XO-143 (Michel)	Octyl Dodecanol
Michel XO-144 (Michel)	Isocetyl Alcohol
Michel XO-146 (Michel)	Isostearyl Alcohol
Michel XO-147 (Michel)	Decyl Tetradecanol
Micro-Cel C (Johns-Manville)	Calcium Silicate
Micro-Cel E (Johns-Manville)	Calcium Silicate
Micro-Cel T-38 (Johns-Manville)	Calcium Silicate
Microcrystalline Cellulose	Cellulose
Microcrystalline Wax	Microcrystalline Wax
*Micro Dry (Reheis)	Aluminum Chlorohydrate
Microfine II (Dura)	Synthetic Wax
Microfine II-F (Dura)	Synthetic Wax
Microfine II-FS (Dura)	Synthetic Wax
Microfine VI (Dura)	Synthetic Wax
Microfine VI-F (Dura)	Synthetic Wax
Microfine VI-FS (Dura)	Synthetic Wax
Microfine VI-FX (Dura)	Synthetic Wax
Microfine VIII (Dura)	Synthetic Wax
Microfine VIII-F (Dura)	Synthetic Wax
Microlan J (Croda)	Silica (and) Lanolin
#907 Micro Talc (Chrystal)	Talc
Microthene ML-733 (US Industrial Chemicals)	Polyethylene
Microthene MN-714 (US Industrial Chemicals)	Polyethylene
Microthene MN-722 (US Industrial Chemicals)	Polyethylene
Micro Wax (International Wax)	Microcrystalline Wax
Miglyol Gel (Dynamit Nobel)	Caprylic/Capric Triglyceride (and) Stearalkonium Hectorite (and) Propylene Carbonate
Miglyol 810 Neutral Oil (Dynamit-Nobel)	Caprylic/Capric Triglyceride
Miglyol 812 Neutral Oil (Dynamit-Nobel)	Caprylic/Capric Triglyceride
Miglyol 840 (Dynamit-Nobel)	Propylene Glycol Dicaprylate/Dicaprate
Milfoil Extract	Yarrow Extract
Milfoil Extract (Rhodia)	Glycerin (and) Yarrow Extract
Milk	Milk
Milk, Nonfat Dry	Nonfat Dry Milk
Milk Protein	Milk Protein
Milk Sugar	Lactose
Mineral Jelly No. 5 (Penreco)	Petrolatum
Mineral Jelly No. 10 (Penreco)	Petrolatum
Mineral Jelly No. 15 (Penreco)	Petrolatum
Mineral Jelly No. 20 (Penreco)	Petrolatum
Mineral Jelly No. 25 (Penreco)	Petrolatum
Mineral Oil	Mineral Oil
Mineral Spirits	Mineral Spirits
Mini Red 3607 (Thomasset)	D & C Red No. 7 Calcium Lake
Mink Oil	Mink Oil
Minkamidopropyl Diethyl 2-Hydroxyethyl Ammonium Chloride	Quaternium-35
Minkamidopropyl Dimethylamine	Minkamidopropyl Dimethylamine
Minkamidopropyl Dimethyl 2-Hydroxyethyl Ammonium Chloride	Quaternium-26
MIPA-Dodecylbenzenesulfonate	MIPA-Dodecylbenzenesulfonate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
MIPA-Lauryl Sulfate	MIPA-Lauryl Sulfate
Miramine SH (Miranol)	Quaternium-46
Miramine TA 30 (Miranol)	Quaternium-16
Miramine TA 30-A (Miranol)	Quaternium-16
Miranol C2M Conc. (Miranol)	Amphoteric-2
Miranol C2M Conc. N.P. (Miranol)	Amphoteric-2
Miranol C2M-SF Conc. (Miranol)	Amphoteric-2
Miranol CM Conc. (Miranol)	Amphoteric-1
Miranol CM Conc. N.P. (Miranol)	Amphoteric-1
Miranol CM-SF Conc. (Miranol)	Amphoteric-1
Miranol CS Conc. (Miranol)	Amphoteric-13
Miranol DM (Miranol)	Amphoteric-16
Miranol H2M Conc. (Miranol)	Amphoteric-10
Miranol H2M Conc. N.P. (Miranol)	Amphoteric-10
Miranol H2M-SF Conc. (Miranol)	Amphoteric-10
Miranol HM Conc. N.P. (Miranol)	Amphoteric-20
Miranol HS Conc. (Miranol)	Amphoteric-3
Miranol MHT (Miranol)	Amphoteric-17
Miranol OM-SF Conc. (Miranol)	Amphoteric-4
Miranol SHD Conc. (Miranol)	Amphoteric-8
Miranol 2MCA Mod. (Miranol)	Amphoteric-6
Miranol 2MCAS Mod. (Miranol)	Amphoteric-9
Miranol 2MCT Mod. (Miranol)	Amphoteric-5
Miranol 2MHT Mod. (Miranol)	Amphoteric-14
Mirrorgold #125 (Atlantic Powdered Metals)	Bronze Powder
Mismo Beeswax (International Wax)	Beeswax
Mistletoe	Mistletoe
Mistletoe Extract	Mistletoe Extract
Mixed Isopropanolamines	Mixed Isopropanolamines
Mixed Isopropanolamines Lauryl Sulfate	Mixed Isopropanolamines Lauryl Sulfate
Mixed Terpenes	Mixed Terpenes
*Mixed Tocopherols	Tocopherol
Mobil Wax (Mobil)	Ceresin
Modulan (Amerchol)	Acetylated Lanolin
Molo-Jel (Witco)	Petrolatum (and) Mineral Oil
*Monamate CPA-40 (Mona)	Disodium Monococamido MIPA-Sulfosuccinate
Monamid ADD-633-LE (Mona)	Cocamide DEA
Monamid CIPA (Mona)	Cocamide MIPA
Monamid CMA (Mona)	Cocamide MEA
Monamid LIPA (Mona)	Lauramide MIPA
Monamid LMA (Mona)	Lauramide MEA
Monamid LMIPA (Mona)	Lauramide MIPA
Monamid LM-MA (Mona)	Lauramide MEA
Monamid R31-42 (Mona)	Lauramide DEA (and) Propylene Glycol
Monamid S (Mona)	Stearamide MEA
Monamid 15-65 (Mona)	Stearamide DEA
Monamid 15-70W (Mona)	Linoleamide DEA
Monamid 150-ADD (Mona)	Cocamide DEA
Monamid 150-ADY (Mona)	Linoleamide DEA
Monamid 150-CEW-C (Mona)	Cocamide DEA
Monamid 150-CW (Mona)	Capramide DEA

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Monamid 150-IS (Mona) Monamid 150 LMW C (Mona)	Isostearamide DEA Lauramide DEA
Monamid 150 LW (Mona) Monamid 150 LWA (Mona) Monamid 150 MW (Mona) Monamid 692 (Mona) Monamid 716 (Mona)	Lauramide DEA Lauramide DEA Myristamide DEA Lauramide MIPA Lauramide DEA
Monamid 718 (Mona) Monamid 718A (Mona) Monamid 759 (Mona) Monamid 770 (Mona) Monamid 815 (Mona)	Stearamide DEA Stearamide DEA Cocamide DEA Lauramide DEA Cocamide DEA
Monamid 835 (Mona) Monamine AA-100 (Mona) Monamine ACO-100 (Mona) Monamine ADD-100 (Mona) Monamine ADD-100-LE (Mona)	Linoleamide MIPA Cocamide DEA Lauramide DEA Cocamide DEA Cocamide DEA
Monamine ALX-80SS (Mona) Monamine ALX-100S (Mona) Monamine LM-100 (Mona) Monamine R-2011 (Mona)	Cocamide DEA (and) DEA-Dodecylbenzenesulfonate Cocamide DEA (and) DEA-Dodecylbenzenesulfonate Lauramide DEA Lauramide DEA (and) Propylene Glycol
Monamine 779 (Mona)	DEA-Laureth Sulfate (and) Cocamide DEA
Monaquat ISIES (Mona) Monastral Fast Blue B (DuPont) Monastral Fast Blue BWD (DuPont) Monastral Fast Green GFNP (DuPont)	Quaternium-32 Pigment Blue 15 Pigment Blue 15 Pigment Green 7
Monateric CA-35 (Mona) Monateric CAB (Mona)	Amphoteric-11 Cocamido Betaine
Monateric ISA-CI (Mona) Monateric ISA-35 (Mona) Monateric 805 (Mona) Monawet MO-70 (Mona)	Amphoteric-12 Amphoteric-12 Amphoteric-18 Dioctyl Sodium Sulfosuccinate
Monawet MO-70 RP (Mona)	Dioctyl Sodium Sulfosuccinate
Monawet MO-84 R2W (Mona)	Dioctyl Sodium Sulfosuccinate
Monawet SNO-35 (Mona)	Tetrasodium Dicarboxyethyl Stearyl Sulfosuccinate
Monoammonium Phosphate Monobutyl Diethylene Glycol Ether Monobutyl Ethylene Glycol Ether Monochloroacetic Acid	Ammonium Phosphate Butoxydiglycol Butoxyethanol Chloroacetic Acid
Monoethanolamine Monoethanolamine Coconut Acid Amide Monoethanolamine Dithiodiglycolate Monoethanolamine Lauric Acid Amide Monoethanolamine Lauryl Ether Sulfate Monoethanolamine Lauryl Sulfate	Ethanolamine Cocamide MEA Ethanolamine Dithiodiglycolate Lauramide MEA MEA-Laureth Sulfate MEA-Lauryl Sulfate
Monoethanolamine Linoleic Acid Amide Monoethanolamine Myristic Acid Condensate Monoethanolamine Oleic Acid Amide	Linoleamide MEA Myristamide MEA Oleamide MEA

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Monoethanolamine Palm Kernel Oil Acid Amide Monoethanolamine Palm Oil Acid Amide Monoethanolamine Peanut Acid Amide	Palm Kernelamide MEA Palmamide MEA Peanutamide MEA
Monoethanolamine Ricinoleic Acid Amide Monoethanolamine Stearic Acid Amide Monoethanolamine Tallow Acid Amide Monoethanolamine Thioglycolate Monoisopropanolamine Monoisopropanolamine Coconut Acid Amide	Ricinoleamide MEA Stearamide MEA Tallowamide MEA Ethanolamine Thioglycolate Isopropanolamine Cocamide MIPA
Monoisopropanolamine Dodecylbenzenesulfonate Monoisopropanolamine Lauric Acid Amide Monoisopropanolamine Lauryl Sulfate Monoisopropanolamine Linoleic Acid Amide Monoisopropanolamine Oleic Acid Amide Monoisopropanolamine Palm Kernel Oil Acid Amide	MIPA-Dodecylbenzenesulfonate Lauramide MIPA MIPA-Lauryl Sulfate Linoleamide MIPA Oleamide MIPA Palm Kernelamide MIPA
Monoisopropanolamine Palm Oil Acid Amide Monoisopropanolamine Ricinoleic Acid Amide Monoisopropanolamine Stearic Acid Amide Monolinolein Monomethyl Ethylene Glycol Ether	Palmamide MIPA Ricinoleamide MIPA Stearamide MIPA Glyceryl Linoleate Methoxyethanol
Monomethylol Dimethyl Hydrantoin Monomuls 50-20 (Gruenau) Monomuls 50-25 (Gruenau)	MDM Hydrantoin Tallow Glycerides Hydrogenated Tallow Glycerides
Monomuls 60-10 (Gruenau) Monomuls 60-15 (Gruenau)	Lard Glycerides Hydrogenated Lard Glycerides
Monomuls 60-20 (Gruenau) Monomuls 60-25 (Gruenau)	Tallow Glycerides Hydrogenated Tallow Glycerides
Monomuls 90-10 (Gruenau) Monomuls 90-15 (Gruenau)	Lard Glyceride Hydrogenated Lard Glyceride
Monomuls 90-20 (Gruenau)	Tallow Glyceride
Monomuls 90-25 (Gruenau)	Hydrogenated Tallow Glyceride
Monomyristin Monoolein Monopole Oil (Diamond Shamrock) Monopol Oil (GAF)	Glyceryl Myristate Glyceryl Oleate Sulfated Castor Oil Sulfated Castor Oil
Monorioleolin Monosaccharide Lactate Condensate Monosodium Phosphate Monostearin Monosulf (Diamond Shamrock)	Glyceryl Ricinoleate Monosaccharide Lactate Condensate Sodium Phosphate Glyceryl Stearate Sulfated Castor Oil
Monothioglycerol Montan Wax Montmorillonite Moon (Procter & Gamble) Morpholine	Thioglycerin Montan Wax Montmorillonite Glycerin Morpholine

## Morpholine Stearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Morpholine Stearate Moskitox 2/055631 (Dragoco)	Morpholine Stearate Hexylene Glycol (and) N,N-Diethyl-m-Toluamide (and) Dimethyl Phthalate
Mother of Thyme Extract Multiwax (Witco) Multiwax ML-445 (Witco)	Wild Thyme Extract Microcrystalline Wax Microcrystalline Wax
Multiwax W-445 (Witco) Multiwax W-835 (Witco) Multiwax X-145 (Witco) Multiwax 195M (Witco) Muriatic Acid	Microcrystalline Wax Microcrystalline Wax Microcrystalline Wax Microcrystalline Wax Hydrochloric Acid
Muscovite Mica Mutton Tallow Mylase 100 Myrcia Oil Myreth-3 Myreth-3 Caprate	Mica Tallow Amylase Bay Oil Myreth-3 Myreth-3 Caprate
Myreth-3 Myristate Myreth-4 Myristalkonium Chloride Myristamide DEA Myristamide MEA	Myreth-3 Myristate Myreth-4 Myristalkonium Chloride Myristamide DEA Myristamide MEA
Myristamidopropyl Dimethylamine Myristamine Oxide *Myristic Acid Myristica Oil Myristic Diethanolamide	Myristamidopropyl Dimethylamine Myristamine Oxide Myristic Acid Nutmeg Oil Myristamide DEA
Myristic Monoethanolamide Myristoyl Diethanolamide Myristoyl Hydrolyzed Animal Protein Myristoyl N-Methylglycine Myristoyl Monoethanolamide Myristoyl Sacrosine	Myristamide MEA Myristamide DEA Myristoyl Hydrolyzed Animal Protein Myristoyl Sacrosine Myristamide MEA Myristoyl Sacrosine
Myristyl Alcohol	Myristyl Alcohol
Myristyl Dimethyl Amine Myristyl Dimethyl Amine Oxide Myristyl Dimethyl Benzyl Ammonium Chloride Myristyl Ethoxy Caprate Myristyl Isostearate	Dimethyl Myristamine Myristamine Oxide Myristalkonium Chloride Myreth-3 Caprate Myristyl Isostearate
Myristyl Lactate Myristyl Myristate Myristyl Neopentanoate Myristyl Propionate Myristyl Stearate	Myristyl Lactate Myristyl Myristate Myristyl Neopentanoate Myristyl Propionate Myristyl Stearate
*Myristyl Trimethyl Ammonium Bromide Myritol 318 (Henkel) Myrj 45 (ICI United States) Myrj 52 (ICI United States) Myrj 52S (ICI United States)	Myrtrimonium Bromide Caprylic/Capric Triglyceride PEG-8 Stearate PEG-40 Stearate PEG-40 Stearate
Myrj 53 (ICI United States) Myrj 59 (ICI United States) Myrol-S (Lanaetex)	PEG-50 Stearate PEG-100 Stearate Isopropyl Myristate (and) Diisopropyl Sebacate
Myrtle Wax Myrtrimonium Bromide *Mytab (Fine Organics)	Bayberry Wax Myrtrimonium Bromide Myrtrimonium Bromide
Myverol 18-30 (Eastman) Myverol 18-40 (Eastman) Myverol 18-50K (Eastman)	Tallow Glyceride Lard Glyceride Hydrogenated Vegetable Glyceride
*Myverol 18-85 (Eastman) Myverol 18-98 (Eastman)	Cottonseed Glyceride Safflower Glyceride

## Neocol A (Waverly)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
N-480 (Fuller) Nacconol 35SL (Stepan)	— N — Dextrin Sodium Dodecylbenzene-sulfonate
Nacconol 40F (Stepan)	Sodium Dodecylbenzene-sulfonate
Nacconol 90F (Stepan)	Sodium Dodecylbenzene-sulfonate
Nail Pink 3407 (Thomasset)	D & C Red No. 7 Zirconium Lake
1,5-Naphthalenediol 2,3-Naphthalenediol 2,7-Naphthalenediol $\alpha$ -Naphthol	1,5-Naphthalenediol 2,3-Naphthalenediol 2,7-Naphthalenediol 1-Naphthol
$\beta$ -Naphthol 1-Naphthol 2-Naphthol Natrosol 150 (Hercules)	2-Naphthol 1-Naphthol 2-Naphthol Hydroxyethylcellulose
Natrosol 250 (Hercules) Natural Pearl Essence Natural Red 4 Natural Tartaric Acid	Hydroxyethylcellulose Guanine Carmine Tartaric Acid
Natural White 1 Naturol (Lanaetex) Naturon Brilliant CN (Rona Pearl) Naturon CSN (Rona Pearl)	Guanine Mink Oil Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol
Naturon CSN-22% (Rona Pearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol
Naturon NE-CN (Rona Pearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol
Naturon NE-CN SP (Rona Pearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol
Naturon RN-CN (Rona Pearl)	Butyl Acetate (and) Guanine (and) Nitrocellulose (and) Toluene (and) Isopropyl Alcohol
Naturon 2X BA (Rona Pearl) Naturon 2X CO (Rona Pearl)	Butyl Acetate (and) Guanine Castor Oil (and) Guanine
Naturon 2X IPA (Rona Pearl)	Isopropyl Alcohol (and) Guanine
Naturon 2X MO (Rona Pearl) Naturon 3X BA (Rona Pearl)	Mineral Oil (and) Guanine Butyl Acetate (and) Guanine
Neatsfoot Oil Nekal WT-27 (GAF)	Neatsfoot Oil Dioctyl Sodium Sulfosuccinate
Neobee M-5 (PVO)	Caprylic/Capric Triglyceride
Neobee M-20 (PVO)	Propylene Glycol Dicaprylate/Dicaprate
Neobee O (PVO)	Caprylic/Capric Triglyceride
*Neobee 18 (PVO) Neobee 60 (PVO) Neobee 62 (PVO)	Hybrid Safflower Oil Hydrogenated Vegetable Oil Tristearin
Neobee 101 (PVO)	PEG-6 Caprylic/Capric Glycerides
Neo-Cebicure (Merck) Neocol A (Waverly)	Erythorbic Acid PEG-25 Propylene Glycol Stearate

**Neocol F-45 (Waverly)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Neocol F-45 (Waverly) Neocol T-12 (Waverly)	Laureth-23 (and) Laureth-4 PEG-25 Propylene Glycol Stearate (and) Stearic Acid
Neocol 40-AX (Waverly)	Ammonium Nonoxynol-4 Sul- fate (and) PEG-25 Propylene Glycol Stearate
Neocol 57-E (Waverly)	PEG-50 Stearate (and) Polysorbate 65 (and) Sorbitan Stearate
Neocol 2040-X (Waverly) Neodol 23 (Shell) Neodol 25 (Shell)	Ammonium Nonoxynol-4 Sulfate C12-13 Alcohols C12-15 Alcohols
Neodol 25-3 (Shell) Neodol 25-7 (Shell) Neodol 25-12 (Shell) Neo-Extrapone Camomile 2/060350 (Dragoco) Neo-Extrapone Carrot 2/060380 (Dragoco)	Pareth-25-3 Pareth-25-7 Pareth-25-12 Matricaria Extract (and) Glucose (and) Bisabolol Carrot Juice Powder (and) Glucose
Neo-Extrapone Hamamelis 2/060240 (Dragoco) Neo-Extrapone Lemon 2/060130 (Dragoco) Neo-Extrapone Lime Tree Flower 2/060410 (Dragoco) Neo-Fat 12 (Armak) Neo-Fat 12-43 (Armak)	Witch Hazel Extract (and) Glucose Glucose (and) Lemon Juice Powder Linden Extract (and) Glucose  Lauric Acid Lauric Acid
Neo-Fat 14 (Armak) Neo-Fat 16 (Armak) Neo-Fat 16-S (Armak) Neo-Fat 16-54 (Armak) Neo-Fat 16-56 (Armak)	Myristic Acid Palmitic Acid Palmitic Acid Palmitic Acid Palmitic Acid
Neo-Fat 18 (Armak) Neo-Fat 18-S (Armak) Neo-Fat 18-54 (Armak) Neo-Fat 18-55 (Armak) Neo-Fat 18-61 (Armak)	Stearic Acid Stearic Acid Stearic Acid Stearic Acid Stearic Acid
Neo-Fat 90-04 (Armak) Neo-Fat 92-04 (Armak) Neo-Fat 255 (Armak) Neo-Fat 265 (Armak)	Oleic Acid Oleic Acid Coconut Acid Coconut Acid
Neo-PCL Watersoluble (Dragoco) Nettle Extract Neutronyx 600 (Onyx) Neutronyx 605 (Onyx) Neutronyx 622 (Onyx)	Nonoxynol-14 (and) PEG-4 Octoate Nettle Extract Nonoxynol-9 Octoxynol-9 Nonoxynol-4
Neutronyx 626 (Onyx) Neutronyx 640 (Onyx) New Econa 200 CH (Kao Soap)	Nonoxynol-6 Nonoxynol-15 Hydrogenated Tallow Glycerides (and) Hydrogenated Coconut Oil
Niacin Niacinamide Nicotinamide	Niacin Niacinamide Niacinamide
Nicotinic Acid Nigrosine Jet L Conc (Sandoz) Nigrosine Spirit Soluble Nigrosine SS Blue 40 (Ciba-Geigy) Nigrosine WSN Conc (Ciba-Geigy)	Niacin Acid Black 2 Solvent Black 5 Solvent Black 5  Acid Black 2
Nikkol BC-5.5 (Nikko) Nikkol BC-20 (Nikko) Nikkol DEGS-SE (Nikko) Nikkol DHC-15 (Nikko) Nikkol DHC-30 (Nikko) Nikkol GBW-8 (Nikko)	Ceteth-6 Ceteth-20 PEG-2 Stearate Dihydrocholeth-15 Dihydrocholeth-30 PEG-8 Sorbitan Beeswax

**Nodorlan (Malmstrom)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Nikkol HCO-60 (Nikko)	PEG-60 Hydrogenated Castor Oil
Nikkol NP-5 (Nikko) Nimco Distilled Lanolin Alcohols L.C. (Malmstrom) Nimcolan H (Malmstrom)	Nonoxynol-5 Lanolin Alcohol  Petrolatum (and) Lanolin (and) Lanolin Alcohol (and) Sorbitan Sesquioleate (and) Beeswax
*Nimcolan LIN (Malmstrom)	Petrolatum (and) Lanolin Oil (and) Sorbitan Sesquioleate
Nimcolan P (Malmstrom)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Nimcolan T (Malmstrom)	Petrolatum (and) Lanolin (and) Lanolin Alcohol
Nimcolan 11 (Malmstrom) Nimco Wool Wax Alcohols (Malmstrom) Nimlesterol (Malmstrom)	Petrolatum (and) Lanolin Alcohol Lanolin Alcohol  Mineral Oil (and) Lanolin Alcohol
Nimlesterol D (Malmstrom)	Mineral Oil (and) Lanolin Alcohol
Nimlesterol H (Malmstrom)	Mineral Oil (and) Hydro- genated Lanolin
Ninol AA62 (Stepan) Ninol AA62 Extra (Stepan) Ninol 128 Extra (Stepan) Ninol 201 (Stepan) Ninol 2012 Extra (Stepan)	Lauramide DEA Lauramide DEA Cocamide DEA Oleamide DEA Cocamide DEA
Nipabutyl (Nipa) Nipagin A (Nipa) Nipagin M (Nipa) Nipasol M (Nipa) Nitrene L-76 (Textilana) Nitrene L-90 (Textilana)	Butylparaben Ethylparaben Methylparaben Propylparaben Lauramide DEA Lauramide DEA
Nitrene NO (Textilana) Nitrene 205 (Textilana) Nitrene 6209 (Textilana) Nitric Acid Nitrilo Triacetic Acid Sodium Salt o-Nitro-p-Aminophenol 4-Nitro-2-Aminophenol 5-Nitro-2-Aminophenol Nitrocellulose	Oleamide DEA Lauramide DEA Cocamide DEA Nitric Acid Trisodium NTA  4-Amino-2-Nitrophenol 2-Amino-4-Nitrophenol 2-Amino-5-Nitrophenol Nitrocellulose
Nitrocellulose Solutions 2-Nitro-1,4-Diamino- benzene 4-Nitro-1,2-Diamino- benzene 4-Nitro-1,3-Diamino- benzene Nitrogen	Nitrocellulose 2-Nitro-p-Phenylenedi- amine 4-Nitro-o-Phenylenedi- amine 4-Nitro-m-Phenylenedi- amine Nitrogen
2-Nitro-4'-Hydroxydiphenyl- amine 2-Nitro-2-(Hydroxy- methyl)-1,3-Propanediol o-Nitro-p-Phenylene- diamine 2-Nitro-p-Phenylene- diamine 4-Nitro-m-Phenylene- diamine	HC Orange No. 1  Tris (Hydroxymethyl) Nitromethane 2-Nitro-p-Phenylene- diamine 2-Nitro-p-Phenylene- diamine 4-Nitro-m-Phenylene- diamine
4-Nitro-o-Phenylene- diamine Nitrous Oxide N-J-Col 240A (New Japan Chemical) *No. 2251 Oil (Penreco) Nodorlan (Malmstrom)	4-Nitro-o-Phenylene- diamine Nitrous Oxide Decyl Tetradecanol  Petroleum Distillate Lanolin

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

# Nonfat Dry Milk

# Oil of Cassia

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Nonfat Dry Milk	Nonfat Dry Milk
Non-Fer-Al (Ideal)	Calcium Carbonate
Nonipol 70 (Sanyo)	Nonoxynol-7
Nonipol 100 (Sanyo)	Nonoxynol-10
Nonisol 100 (Ciba-Geigy)	PEG-8 Laurate
Nonisol 210 (Ciba-Geigy)	PEG-8 Dioleate
Nonisol 300 (Ciba-Geigy)	PEG-8 Distearate
Nonoxynol-1	Nonoxynol-1
Nonoxynol-2	Nonoxynol-2
Nonoxynol-4	Nonoxynol-4
Nonoxynol-5	Nonoxynol-5
Nonoxynol-6	Nonoxynol-6
Nonoxynol-7	Nonoxynol-7
Nonoxynol-8	Nonoxynol-8
Nonoxynol-9	Nonoxynol-9
Nonoxynol-9 Iodine	Nonoxynol-9 Iodine
Nonoxynol-10	Nonoxynol-10
Nonoxynol-10 Phosphate	Nonoxynol-10 Phosphate
Nonoxynol-11	Nonoxynol-11
Nonoxynol-12	Nonoxynol-12
Nonoxynol-13	Nonoxynol-13
Nonoxynol-14	Nonoxynol-14
Nonoxynol-15	Nonoxynol-15
Nonoxynol-18	Nonoxynol-18
Nonoxynol-20	Nonoxynol-20
Nonoxynol-23	Nonoxynol-23
Nonoxynol-30	Nonoxynol-30
Nonoxynol-40	Nonoxynol-40
Nonoxynol-50	Nonoxynol-50
Nonoxynol-100	Nonoxynol-100
Nonyl Acetate	Nonyl Acetate
Nonyl Nonoxynol-5	Nonyl Nonoxynol-5
Nonyl Nonoxynol-9 Phosphate	Nonyl Nonoxynol-9 Phosphate
Nonyl Nonoxynol-10	Nonyl Nonoxynol-10
Nonyl Nonoxynol-49	Nonyl Nonoxynol-49
Nonyl Nonoxynol-150	Nonyl Nonoxynol-150
Nopcogen 14-S (Diamond Shamrock)	Stearamide DEA
Norgine	Alginic Acid
Norit (Salomon & Bro.)	Carbon
Norlig 11 (American Can)	Calcium Lignosulfonate
Norlig 12 (American Can)	Sodium Lignosulfonate
Norphytane	Pristane
Norvaline	Norvaline
Novol (Croda)	Oleyl Alcohol
'N' Silicate (Philadelphia Quartz)	Sodium Silicate
Nutmeg Oil	Nutmeg Oil
Nutrilan H (Gruenau)	Hydrolyzed Animal Protein
Nutrilan I (Gruenau)	Hydrolyzed Animal Protein
Nutrilan I-Powder (Gruenau)	Hydrolyzed Animal Protein
Nutrilan L (Gruenau)	Hydrolyzed Animal Protein
Nutrilan L-Powder (Gruenau)	Hydrolyzed Animal Protein
Nyckockin (Sweden)	Acid Red 18
Nylon	Nylon
Nylosan Orange SL (Sandoz)	Acid Orange 116
Nytaal (Vanderbilt)	Talc
N-Z-Amine AS (Humko Sheffield)	Hydrolyzed Milk Protein
Oat Flour	Oat Flour
Oatmeal	Oatmeal
OAT PRO (Quaker Oats)	Oat Flour
Ocotea Cymbarum Oil	Ocotea Cymbarum Oil
Octabenzene	Benzophenone-12



CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Octadecylamine	Stearamine
3-(Octadecyloxy)-1,2-Propanediol	Batyl Alcohol
n-Octanoic Acid	Caprylic Acid
Octanoic/Decanoic Acid Triglyceride	Caprylic/Capric Triglyceride
n-Octanol	Caprylic Alcohol
Octoic Acid	Caprylic Acid
Octoxy Glyceryl Palmitate	Octoxy Glyceryl Palmitate
Octoxynol-1	Octoxynol-1
Octoxynol-3	Octoxynol-3
Octoxynol-5	Octoxynol-5
Octoxynol-9	Octoxynol-9
Octoxynol-13	Octoxynol-13
Octoxynol-40	Octoxynol-40
Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Polymer	Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Polymer
n-Octyl Alcohol	Caprylic Alcohol
Octyl Dimethyl p-Aminobenzoate	Octyl Dimethyl PABA
Octyl Dimethyl PABA	Octyl Dimethyl PABA
2-Octyl Dodecanol	Octyl Dodecanol
Octyldodeceth-20	Octyldodeceth-20
Octylene Glycol	Ethyl Hexanediol
Octyl Hydroxystearate	Octyl Hydroxystearate
Octyl Methoxycinnamate	Octyl Methoxycinnamate
Octyl Myristate	Octyl Myristate
Octyl Palmitate	Octyl Palmitate
Octyl Salicylate	Octyl Salicylate
Octyl Stearate	Octyl Stearate
Ogeen (Ogo)	Glyceryl Stearate SE
Ogeenacid (Ogo)	Glyceryl Stearate (and) Cetareth-20
Ogeenacid Special (Ogo)	Glyceryl Stearate (and) Sodium Lauryl Sulfate
Ogeenacid X (Ogo)	Glyceryl Stearate (and) Cetareth-20
Ogeen GRB (Ogo)	Glyceryl Stearate
Ogeen M (Ogo)	Glyceryl Stearate
Ogeen MAV (Ogo)	Glyceryl Stearate
Ogeen P (Ogo)	Propylene Glycol Stearate SE
Ogeen PGMS (Ogo)	Propylene Glycol Stearate
Ogeen Special (Ogo)	Glyceryl Stearate SE
Ogeen 515 (Ogo)	Glyceryl Stearate
Ogotag L (Ogo)	PEG-30 Glyceryl Laurate
Ogotag L2 (Ogo)	PEG-20 Glyceryl Laurate
Ogotag O (Ogo)	PEG-30 Glyceryl Oleate
Ogotag O2 (Ogo)	PEG-20 Glyceryl Oleate
Ogotag R1 (Ogo)	PEG-15 Glyceryl Ricinoleate
Ogotag S (Ogo)	PEG-30 Glyceryl Stearate
Ogotag S2 (Ogo)	PEG-20 Glyceryl Stearate
Ogotag TO (Ogo)	PEG-25 Glyceryl Trioleate
Ogo 51 (Ogo)	Lauryl Diethylenediaminoglycine (and) Lauryl Aminopropylglycine
OHlan (Amerchol)	Hydroxylated Lanolin
Oil of Anise	Anise Oil
*Oil of Balm	Balm Mint Oil
Oil of Bay Terpeneless	Bay Oil
Oil of Bitter Almond	Bitter Almond Oil
Oil of Cade	Juniper Tar
Oil of Caraway	Caraway Oil
Oil of Cardamom	Cardamom Oil
Oil of Cassia	Cinnamon Oil

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Oil of Cinnamon	Cinnamon Oil
Oil of Cinnamon, Ceylon	Cinnamon Oil
Oil of Clove	Clove Oil
Oil of Coriander	Coriander Oil
Oil of Eucalyptus	Eucalyptus Oil
Oil of Juniper	Juniper Tar
Oil of Lavender	Lavender Oil
Oil of Lemon	Lemon Oil
Oil of Lemongrass	Lemongrass Oil
Oil of Lovage	Lovage Oil
Oil of Mace	Nutmeg Oil
*Oil of Melissa	Balm Mint Oil
Oil of Mink	Mink Oil
Oil of Nutmeg	Nutmeg Oil
Oil of Orange	Orange Oil
Oil of Parsley Seed	Parsley Seed Oil
Oil of Peppermint	Peppermint Oil
Oil of Rue	Rue Oil
Oil of Sassafras	Sassafras Oil
Oil of Spearmint	Spearmint Oil
Oil of Sweet Almond	Sweet Almond Oil
Oil of Sweet Marjoram	Sweet Marjoram Oil
Oil of Wintergreen	Methyl Salicylate
Olealkonium Chloride	Olealkonium Chloride
Oleamide	Oleamide
Oleamide DEA	Oleamide DEA
Oleamide MEA	Oleamide MEA
Oleamide MIPA	Oleamide MIPA
Oleamidopropyl Dimethylamine	Oleamidopropyl Dimethylamine
Oleamidopropyl Dimethylamine Glycolate	Oleamidopropyl Dimethylamine Glycolate
Oleamidopropyl Sulfobetaine	Oleamidopropyl Sultaine
Oleamidopropyl Sultaine	Oleamidopropyl Sultaine
Oleamine	Oleamine
Oleamine Oxide	Oleamine Oxide
Oleic Acid	Oleic Acid
Oleic Diethanolamide	Oleamide DEA
Oleic Monoisopropanolamide	Oleamide MIPA
*Oleinate 288 (PVO)	Hybrid Safflower Oil
*Oleoresin Capsicum Africanus	Capsicum Oleoresin
Oleostearine	Oleostearine
Oleoyle Hydrolyzed Animal Protein	Oleoyle Hydrolyzed Animal Protein
Oleoyle N-Methylaminoacetic Acid	Oleoyle Sarcosine
Oleoyle Monoethanolamide	Oleamide MEA
Oleoyle Monoisopropanolamide Disodium Sulfosuccinate	Disodium Monooleamido MIPA-Sulfosuccinate
Oleoyle Sarcosine	Oleoyle Sarcosine
Oleth-2	Oleth-2
Oleth-3	Oleth-3
Oleth-3 Phosphate	Oleth-3 Phosphate
Oleth-4	Oleth-4
Oleth-4 Phosphate	Oleth-4 Phosphate
Oleth-5	Oleth-5
Oleth-10	Oleth-10
Oleth-10 Phosphate	Oleth-10 Phosphate
Oleth-15	Oleth-15
Oleth-20	Oleth-20
Oleth-20 Phosphate	Oleth-20 Phosphate
Oleth-23	Oleth-23
Oleth-25	Oleth-25
Oleth-50	Oleth-50
Oleoyle Alcohol	Oleoyle Alcohol
Oleyleamide	Oleamide
Oleoyle Amine	Oleamine
Oleoyle Betaine	Oleoyle Betaine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Oleoyle Dimethyl Amine Oxide	Oleamine Oxide
Oleoyle Dimethyl Benzyl Ammonium Chloride	Olealkonium Chloride
Oleoyle Dimethyl Glycine	Oleoyle Betaine
Oleoyle Methylaminoethanoic Acid	Oleoyle Sarcosine
Oleoyle N-Methylglycine	Oleoyle Sarcosine
Oleoyle Oleate	Oleoyle Oleate
Oleoyle Polypeptide (Stepan)	Oleoyle Hydrolyzed Animal Protein
Oleoyle Polypeptide MO-30 (Stepan)	Mineral Oil (and) Oleoyle Hydrolyzed Animal Protein
Oleoyle Sarcosine	Oleoyle Sarcosine
Oleoyle Triethoxy Mono Diphosphate	Oleth-3 Phosphate
Olive Extract	Olive Extract
Olive Oil	Olive Oil
Onyxide 172 (Onyx)	Quaternium-8
*Onyxide 500 (Onyx)	2-Bromo-2-Nitropropane-1,3-Diol
*Onyxide 3300 (Onyx)	Quaternium-3
Onyxol 12 (Onyx)	Cocamide MEA
Onyxol 42 (Onyx)	Stearamide DEA
Onyxol 336 (Onyx)	Lauramide DEA
Onyxol 345 (Onyx)	Lauramide DEA
Onyxol 368 (Onyx)	Lauramide MIPA
OOS (Salomon & Bro.)	Talc
OP-2000 (BASF-Wyandotte)	PPG-26 Oleate
*Orange No. 201 (Japan)	D & C Orange No. 5 (or) Solvent Red 72 ■
*Orange No. 203 (Japan)	D & C Orange No. 17 (or) Pigment Orange 5 ■
*Orange No. 205 (Japan)	D & C Orange No. 4 (or) Acid Orange 7 ■
*Orange No. 206 (Japan)	D & C Orange No. 10 (or) Solvent Red 73 ■
*Orange No. 207 (Japan)	D & C Orange No. 11 (or) Acid Red 95 ■
Orange Oil	Orange Oil
*Orchid Pink 7289 (Thomasset)	D & C Red No. 19 Zirconium Lake
γ-Orizanol	Orizanol
Orthoboric Acid	Boric Acid
Orvus K Liquid (Procter & Gamble)	Ammonium Lauryl Sulfate
Orvus WA Paste (Procter & Gamble)	Sodium Lauryl Sulfate
'O' Silicate (Philadelphia Quartz)	Sodium Silicate
Ottacide 4 (Ottawa)	Dichloro-m-Xylenol
Ottafect (Ottawa)	p-Chloro-m-Cresol
*Ottasept Extra (Ottawa)	Chloroxylenol
Ouricury Wax	Ouricury Wax
Oxalaldehyde	Glyoxal
Oxitol Glycol Ether (Shell)	Ethoxyethanol
OXO (Salomon & Bro.)	Talc
Oxybenzone	Benzophenone-3
Oxyquinoline	Oxyquinoline
*Oxyquinoline Benzoate	Oxyquinoline Benzoate
Oxyquinoline Sulfate	Oxyquinoline Sulfate
Ozokerite	Ozokerite
Ozokerite	Ozokerite
Ozokerite Wax 170 M.F. (Strahl & Pitsch)	Ozokerite
Ozotex (Salomon & Bro.)	Microcrystalline Wax

## — P —

P-10 Acids (NL Industries)	Ricinoleic Acid
PABA	PABA
Padimate	Amyl Dimethyl PABA



CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Padimate A	Amyl Dimethyl PABA	Pareth-13-5	Pareth-13-5
Padimate O	Octyl Dimethyl PABA	Pareth-13-7	Pareth-13-7
PAF 37, Palsgaard 0015 (Palsgaard)	Hydrogenated Tallow Gly- cerides	Pareth-15-3	Pareth-15-3
PAF 254, Palsgaard 2102 (Palsgaard)	PEG-10 Dioleate	Pareth-15-5	Pareth-15-5
Pagoda Red 3121 (Thomasset)	D & C Red No. 21 Aluminum Lake	Pareth-15-7	Pareth-15-7
Pale Bromo 3621 (Thomasset)	D & C Red No. 21	Pareth-15-9	Pareth-15-9
Palegold	Bronze Powder	Pareth-15-12	Pareth-15-12
Palmamide DEA	Palmamide DEA	Pareth-15-20	Pareth-15-20
Palmamide MEA	Palmamide MEA	Pareth-15-30	Pareth-15-30
Palmamide MIPA	Palmamide MIPA	Pareth-15-40	Pareth-15-40
Palmitamide DEA	Palmitamide DEA	Pareth-25-3	Pareth-25-3
Palmitamidopropyl Diethyl- amine	Palmitamidopropyl Diethyl- amine	Pareth-25-4	Pareth-25-4
Palmitamidopropyl Dimethyl- amine	Palmitamidopropyl Dimethyl- amine	Pareth-25-7	Pareth-25-7
Palmitamine	Palmitamine	Pareth-25-12	Pareth-25-12
Palmitamine Oxide	Palmitamine Oxide	Pareth-45-10	Pareth-45-10
Palmitic Acid	Palmitic Acid	Paricin 9 (NL Industries)	Propylene Glycol Hydroxystearate
Palmitic Diethanolamide	Palmitamide DEA	Paricin 13 (NL Industries)	Glyceryl Hydroxystearate
Palmityl Alcohol	Cetyl Alcohol	Paricin 15 (NL Industries)	Glycol Hydroxystearate
Palmityl Amine	Palmitamine	Paricin 535 WD (NL Industries)	PEG-200 Trihydroxystearin
Palmityl Dimethyl Amine	Dimethyl Palmitamine	Paricin 545 WD (NL Industries)	PEG-66 Trihydroxystearin
Palmityl Dimethylamine Oxide	Palmitamine Oxide	Parleam (Nichiyu)	Hydrogenated Polyisobutene
Palm Kernelamide DEA	Palm Kernelamide DEA	Parol 70 (Penreco)	Mineral Oil
Palm Kernelamide MEA	Palm Kernelamide MEA	Parol 80 (Penreco)	Mineral Oil
Palm Kernelamide MIPA	Palm Kernelamide MIPA	Parol 100 (Penreco)	Mineral Oil
Palm Kernel Oil	Palm Kernel Oil	Parsley Seed Oil	Parsley Seed Oil
Palm Kernel Oil Acid	Palm Kernelamide DEA	Parvan 2730 (Exxon)	Paraffin
Diethanolamide	Palm Kernelamide MEA	Parvan 3150 (Exxon)	Paraffin
Palm Kernel Oil Acid	Palm Kernelamide MEA	Parvan 3830 (Exxon)	Paraffin
Monoethanolamide	Palm Kernelamide MIPA	Parvan 4050 (Exxon)	Paraffin
Palm Kernel Oil Acid	Hydrogenated Palm Kernel Oil	Parvan 4450 (Exxon)	Paraffin
Monoisopropanolamide	Palm Oil	Parvan 4550 (Exxon)	Paraffin
Palm Kernel Oil, Hydrogenated	Palmamide DEA	Parvan 5250 (Exxon)	Paraffin
Palm Oil	Palmamide MEA	Parvan 6550 (Exxon)	Paraffin
Palm Oil Acid	Palmamide MIPA	PAT-30 (Katsura)	Paraffin
Diethanolamide	Hydrogenated Palm Oil	Patentbla (Sweden)	Di-TEA-Palmitoyl As- partate
Palm Oil Acid	Hydrogenated Tallow Glycerides Citrate	Patentgront (Sweden)	Acid Blue 3
Monoisopropanolamide	Panthenol	Paygel (General Mills)	FD & C Green No. 3 (or) Food Green 3 ■
Palm Oil, Hydrogenated	Panthenol	PCA	Wheat Starch
Palsgaard 3325 (Palsgaard)	Panthenol	PCA Soda	PCA
Panthenol	Panthenol	PCL Liquid 2/066210 (Dragoco)	Sodium PCA
D-Panthenol	Panthenol	PCL Solid 2/066220 (Dragoco)	Cetearyl Octanoate
D-Panthenol Regular Type No. 63909 (Roche)	Panthenol	PCMC	Stearyl Heptanoate
D-Panthenol No. 63912 (Roche)	Panthenol	*PCMX	p-Chloro-m-Cresol
DL-Panthenol	Panthenol	Peach Juice	Chloroxylenol
DL-Panthenol Cosmetic Grade No. 63920 (Roche)	Panthenol	Peach Kernel Oil	Peach Juice
DL-Panthenol No. 63915 (Roche)	Panthenol	Peanutamide MEA	Peach Kernel Oil
Panthenyl Ethyl Ether	Panthenyl Ethyl Ether	Peanut Fatty Acid Mono- ethanolamide	Peanutamide MEA
Panthothenyl Alcohol	Panthenol	Peanut Oil	Peanutamide MEA
PAP (Katsura)	Diethyl Palmitoyl Aspartate	Pearlescing Agent MS (American Hoechst)	Peanut Oil
Parachlorometacresol	p-Chloro-m-Cresol	Pearl Essence	Glycol Distearate
Para-Cymene	p-Cymene	Pearl-Glo (Mallinckrodt)	Guanine
Paraffin	Paraffin	Pearl-Glo CO (Mallinckrodt)	Bismuth Oxychloride
Paraffin Wax	Paraffin	Pearl-Glo MO (Mallinckrodt)	Bismuth Oxychloride (and) Castor Oil
Para-Methylaminophenol	p-Methylaminophenol	Pearl Luster Agent MS (American Hoechst)	Bismuth Oxychloride (and) Mineral Oil
Para-Methylaminophenol Sulfate	p-Methylaminophenol Sulfate	Pearl Stearic (Darling)	Glycol Distearate
Para-Orange (Sweden)	FD & C Yellow No. 6 (or) Food Yellow 3 ■	Pearl White	Stearic Acid
		Pecan Shell Powder	Bismuth Oxychloride
		Pectin	Pecan Shell Powder
		PEG-4	Pectin
		PEG-6	PEG-4
			PEG-6

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
PEG-6-32	PEG-6-32
PEG-8	PEG-8
PEG-12	PEG-12
PEG-14	PEG-14
PEG-20	PEG-20
PEG-32	PEG-32
PEG-40	PEG-40
PEG-75	PEG-75
PEG-150	PEG-150
PEG-200	PEG-200
PEG-350	PEG-350
PEG-2000	PEG-2M
PEG-20000	PEG-20M
PEG-90000	PEG-90M
PEG-2M	PEG-2M
PEG-5M	PEG-5M
PEG-7M	PEG-7M
PEG-14M	PEG-14M
PEG-20M	PEG-20M
PEG-90M	PEG-90M
PEG-7 Betanaphthol	PEG-7 Betanaphthol
PEG-6 Caprylic/Capric Glycerides	PEG-6 Caprylic/Capric Glycerides
PEG-8 Castor Oil	PEG-8 Castor Oil
PEG-9 Castor Oil	PEG-9 Castor Oil
PEG-25 Castor Oil	PEG-25 Castor Oil
PEG-30 Castor Oil	PEG-30 Castor Oil
PEG-36 Castor Oil	PEG-36 Castor Oil
PEG-40 Castor Oil	PEG-40 Castor Oil
PEG-60 Castor Oil	PEG-60 Castor Oil
PEG-100 Castor Oil	PEG-100 Castor Oil
PEG-200 Castor Oil	PEG-200 Castor Oil
PEG-1 Cetyl Ether	Ceteth-1
PEG-2 Cetyl Ether	Ceteth-2
PEG-4 Cetyl Ether	Ceteth-4
PEG-6 Cetyl Ether	Ceteth-6
PEG-10 Cetyl Ether	Ceteth-10
PEG-16 Cetyl Ether	Ceteth-16
PEG-20 Cetyl Ether	Ceteth-20
PEG-30 Cetyl Ether	Ceteth-30
PEG-3 Cetyl/Stearyl Ether	Ceteareth-3
PEG-4 Cetyl/Stearyl Ether	Ceteareth-4
PEG-5 Cetyl/Stearyl Ether	Ceteareth-5
PEG-6 Cetyl/Stearyl Ether	Ceteareth-6
PEG-8 Cetyl/Stearyl Ether	Ceteareth-8
PEG-10 Cetyl/Stearyl Ether	Ceteareth-10
PEG-12 Cetyl/Stearyl Ether	Ceteareth-12
PEG-15 Cetyl/Stearyl Ether	Ceteareth-15
PEG-17 Cetyl/Stearyl Ether	Ceteareth-17
PEG-20 Cetyl/Stearyl Ether	Ceteareth-20
PEG-27 Cetyl/Stearyl Ether	Ceteareth-27
PEG-30 Cetyl/Stearyl Ether	Ceteareth-30
PEG-10 Cholesteryl Ether	Choleth-10
PEG-24 Cholesteryl Ether	Choleth-24
PEG-3 Cocamide	PEG-3 Cocamide
PEG-6 Cocamide	PEG-6 Cocamide
PEG-2 Cocamine	PEG-2 Cocamine
PEG-5 Cocamine	PEG-5 Cocamine
PEG-10 Cocamine	PEG-10 Cocamine
PEG-15 Cocamine	PEG-15 Cocamine
PEG-5 Cocoate	PEG-5 Cocoate
PEG-8 Cocoate	PEG-8 Cocoate
PEG-15 Cocoate	PEG-15 Cocoate
PEG-8 Coconut Alcohol	Coceth-8
PEG-2 Cocoyl Quaternium-4	PEG-2 Cocoyl Quaternium-4
PEG-15 Cocoyl Quaternium-4	PEG-15 Cocoyl Quaternium-4

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
PEG-4 Dilaurate	PEG-4 Dilaurate
PEG-6 Dilaurate	PEG-6 Dilaurate
PEG-6-32 Dilaurate	PEG-6-32 Dilaurate
PEG-8 Dilaurate	PEG-8 Dilaurate
PEG-12 Dilaurate	PEG-12 Dilaurate
PEG-20 Dilaurate	PEG-20 Dilaurate
PEG-32 Dilaurate	PEG-32 Dilaurate
PEG-75 Dilaurate	PEG-75 Dilaurate
PEG-150 Dilaurate	PEG-150 Dilaurate
PEG-5 Dinonyl Phenyl Ether	Nonyl Nonoxynol-5
PEG-9 Dinonyl Phenyl Ether Phosphate	Nonyl Nonoxynol-9 Phosphate
PEG-10 Dinonyl Phenyl Ether	Nonyl Nonoxynol-10
PEG-49 Dinonyl Phenyl Ether	Nonyl Nonoxynol-49
PEG-150 Dinonyl Phenyl Ether	Nonyl Nonoxynol-150
PEG-4 Dioleate	PEG-4 Dioleate
PEG-6 Dioleate	PEG-6 Dioleate
PEG-6-32 Dioleate	PEG-6-32 Dioleate
PEG-8 Dioleate	PEG-8 Dioleate
PEG-10 Dioleate	PEG-10 Dioleate
PEG-12 Dioleate	PEG-12 Dioleate
PEG-20 Dioleate	PEG-20 Dioleate
PEG-32 Dioleate	PEG-32 Dioleate
PEG-75 Dioleate	PEG-75 Dioleate
PEG-150 Dioleate	PEG-150 Dioleate
PEG-2 Distearate	PEG-2 Distearate
PEG-3 Distearate	PEG-3 Distearate
PEG-4 Distearate	PEG-4 Distearate
PEG-6 Distearate	PEG-6 Distearate
PEG-8 Distearate	PEG-8 Distearate
PEG-12 Distearate	PEG-12 Distearate
PEG-20 Distearate	PEG-20 Distearate
PEG-32 Distearate	PEG-32 Distearate
PEG-75 Distearate	PEG-75 Distearate
PEG-150 Distearate	PEG-150 Distearate
PEG-175 Distearate	PEG-175 Distearate
PEG-8 Ditallate	PEG-8 Ditallate
PEG-12 Ditallate	PEG-12 Ditallate
PEG-8 Ditriricinoleate	PEG-8 Ditriricinoleate
PEG-5 Dodecyl Phenyl Ether	Dodoxynol-5
PEG-6 Dodecyl Phenyl Ether	Dodoxynol-6
PEG-7 Dodecyl Phenyl Ether	Dodoxynol-7
PEG-9 Dodecyl Phenyl Ether	Dodoxynol-9
PEG-12 Dodecyl Phenyl Ether	Dodoxynol-12
PEG-7 Glyceryl Cocoate	PEG-7 Glyceryl Cocoate
PEG-26 Glyceryl Ether	Glycereth-26
PEG-20 Glyceryl Laurate	PEG-20 Glyceryl Laurate
PEG-30 Glyceryl Laurate	PEG-30 Glyceryl Laurate
PEG-20 Glyceryl Oleate	PEG-20 Glyceryl Oleate
PEG-30 Glyceryl Oleate	PEG-30 Glyceryl Oleate
PEG-15 Glyceryl Ricinoleate	PEG-15 Glyceryl Ricinoleate
PEG-20 Glyceryl Ricinoleate	PEG-20 Glyceryl Ricinoleate
PEG-5 Glyceryl Stearate	PEG-5 Glyceryl Stearate
PEG-20 Glyceryl Stearate	PEG-20 Glyceryl Stearate
PEG-30 Glyceryl Stearate	PEG-30 Glyceryl Stearate
PEG-120 Glyceryl Stearate	PEG-120 Glyceryl Stearate
PEG-25 Glyceryl Trioate	PEG-25 Glyceryl Trioate
PEG-5 Hydrogenated Castor Oil	PEG-5 Hydrogenated Castor Oil
PEG-16 Hydrogenated Castor Oil	PEG-16 Hydrogenated Castor Oil
PEG-25 Hydrogenated Castor Oil	PEG-25 Hydrogenated Castor Oil
PEG-30 Hydrogenated Castor Oil	PEG-30 Hydrogenated Castor Oil
PEG-40 Hydrogenated Castor Oil	PEG-40 Hydrogenated Castor Oil

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
PEG-60 Hydrogenated Castor Oil	PEG-60 Hydrogenated Castor Oil	PEG-1 Nonyl Phenyl Ether	Nonoxynol-1
PEG-100 Hydrogenated Castor Oil	PEG-100 Hydrogenated Castor Oil	PEG-2 Nonyl Phenyl Ether	Nonoxynol-2
PEG-200 Hydrogenated Castor Oil	PEG-200 Hydrogenated Castor Oil	PEG-4 Nonyl Phenyl Ether	Nonoxynol-4
		PEG-5 Nonyl Phenyl Ether	Nonoxynol-5
		PEG-6 Nonyl Phenyl Ether	Nonoxynol-6
PEG-5 Hydrogenated Corn Glycerides	PEG-5 Hydrogenated Corn Glycerides	PEG-7 Nonyl Phenyl Ether	Nonoxynol-7
PEG-5 Hydrogenated Lanolin	PEG-5 Hydrogenated Lanolin	PEG-8 Nonyl Phenyl Ether	Nonoxynol-8
PEG-10 Hydrogenated Lanolin	PEG-10 Hydrogenated Lanolin	PEG-9 Nonyl Phenyl Ether	Nonoxynol-9
PEG-20 Hydrogenated Lanolin	PEG-20 Hydrogenated Lanolin	PEG-9 Nonyl Phenyl Ether Iodine Complex	Nonoxynol-9 Iodine
PEG-24 Hydrogenated Lanolin	PEG-24 Hydrogenated Lanolin	PEG-10 Nonyl Phenyl Ether	Nonoxynol-10
PEG-30 Hydrogenated Lanolin	PEG-30 Hydrogenated Lanolin	PEG-10 Nonyl Phenyl Ether Phosphate	Nonoxynol-10 Phosphate
PEG-6 Isopalmitate	PEG-6 Isopalmitate	PEG-11 Nonyl Phenyl Ether	Nonoxynol-11
PEG-6 Isostearate	PEG-6 Isostearate	PEG-12 Nonyl Phenyl Ether	Nonoxynol-12
PEG-12 Isostearate	PEG-12 Isostearate	PEG-13 Nonyl Phenyl Ether	Nonoxynol-13
PEG-2 Isostearyl Ether	Isosteareth-2	PEG-14 Nonyl Phenyl Ether	Nonoxynol-14
PEG-3 Isostearyl Ether	Isosteareth-3	PEG-15 Nonyl Phenyl Ether	Nonoxynol-15
PEG-10 Isostearyl Ether	Isosteareth-10	PEG-18 Nonyl Phenyl Ether	Nonoxynol-18
PEG-20 Isostearyl Ether	Isosteareth-20	PEG-23 Nonyl Phenyl Ether	Nonoxynol-23
PEG-5 Lanolate	PEG-5 Lanolate	PEG-30 Nonyl Phenyl Ether	Nonoxynol-30
PEG-10 Lanolate	PEG-10 Lanolate	PEG-40 Nonyl Phenyl Ether	Nonoxynol-40
PEG-20 Lanolin	PEG-20 Lanolin	PEG-50 Nonyl Phenyl Ether	Nonoxynol-50
PEG-27 Lanolin	PEG-27 Lanolin	PEG-100 Nonyl Phenyl Ether	Nonoxynol-100
PEG-30 Lanolin	PEG-30 Lanolin	PEG-4 Octanoate	PEG-4 Octanoate
		PEG-1 Octyl Phenyl Ether	Octoxynol-1
		PEG-3 Octyl Phenyl Ether	Octoxynol-3
PEG-40 Lanolin	PEG-40 Lanolin	PEG-5 Octyl Phenyl Ether	Octoxynol-5
PEG-50 Lanolin	PEG-50 Lanolin	PEG-9 Octyl Phenyl Ether	Octoxynol-9
PEG-60 Lanolin	PEG-60 Lanolin	PEG-13 Octyl Phenyl Ether	Octoxynol-13
PEG-70 Lanolin	PEG-70 Lanolin	PEG-40 Octyl Phenyl Ether	Octoxynol-40
PEG-75 Lanolin	PEG-75 Lanolin	PEG-5 Oleamide	PEG-5 Oleamide
PEG-85 Lanolin	PEG-85 Lanolin	PEG-2 Oleamine	PEG-2 Oleamine
PEG-100 Lanolin	PEG-100 Lanolin	PEG-5 Oleamine	PEG-5 Oleamine
PEG-75 Lanolin Oil	PEG-75 Lanolin Oil	PEG-15 Oleamine	PEG-15 Oleamine
PEG-75 Lanolin Wax	PEG-75 Lanolin Wax	PEG-2 Oleate	PEG-2 Oleate
PEG-3 Lauramide	PEG-3 Lauramide	PEG-2 Oleate SE	PEG-2 Oleate SE
PEG-6 Lauramide	PEG-6 Lauramide	PEG-3 Oleate	PEG-3 Oleate
PEG-2 Laurate	PEG-2 Laurate	PEG-4 Oleate	PEG-4 Oleate
PEG-2 Laurate SE	PEG-2 Laurate SE	PEG-5 Oleate	PEG-5 Oleate
PEG-4 Laurate	PEG-4 Laurate	PEG-6 Oleate	PEG-6 Oleate
PEG-6 Laurate	PEG-6 Laurate	PEG-8 Oleate	PEG-8 Oleate
PEG-8 Laurate	PEG-8 Laurate	PEG-9 Oleate	PEG-9 Oleate
PEG-9 Laurate	PEG-9 Laurate	PEG-10 Oleate	PEG-10 Oleate
PEG-12 Laurate	PEG-12 Laurate	PEG-12 Oleate	PEG-12 Oleate
PEG-20 Laurate	PEG-20 Laurate	PEG-14 Oleate	PEG-14 Oleate
PEG-32 Laurate	PEG-32 Laurate	PEG-20 Oleate	PEG-20 Oleate
PEG-75 Laurate	PEG-75 Laurate	PEG-32 Oleate	PEG-32 Oleate
PEG-150 Laurate	PEG-150 Laurate	PEG-75 Oleate	PEG-75 Oleate
PEG-1 Lauryl Ether	Laureth-1	PEG-150 Oleate	PEG-150 Oleate
PEG-2 Lauryl Ether	Laureth-2	PEG-2 Oleyl Ether	Oleth-2
PEG-3 Lauryl Ether	Laureth-3	PEG-3 Oleyl Ether	Oleth-3
PEG-4 Lauryl Ether	Laureth-4	PEG-3 Oleyl Ether Phosphate	Oleth-3 Phosphate
PEG-5 Lauryl Ether	Laureth-5	PEG-4 Oleyl Ether	Oleth-4
PEG-6 Lauryl Ether	Laureth-6	PEG-4 Oleyl Ether Phosphate	Oleth-4 Phosphate
PEG-8 Lauryl Ether	Laureth-8	PEG-5 Oleyl Ether	Oleth-5
PEG-8 Lauryl Ether Phosphate	Laureth-8 Phosphate	PEG-10 Oleyl Ether	Oleth-10
PEG-9 Lauryl Ether	Laureth-9	PEG-10 Oleyl Ether Phosphate	Oleth-10 Phosphate
PEG-10 Lauryl Ether	Laureth-10	PEG-15 Oleyl Ether	Oleth-15
PEG-12 Lauryl Ether	Laureth-12	PEG-20 Oleyl Ether	Oleth-20
PEG-20 Lauryl Ether	Laureth-20	PEG-20 Oleyl Ether Phosphate	Oleth-20 Phosphate
PEG-23 Lauryl Ether	Laureth-23	PEG-23 Oleyl Ether	Oleth-23
PEG-40 Lauryl Ether	Laureth-40	PEG-25 Oleyl Ether	Oleth-25
PEG-6 Methyl Ether	PEG-6 Methyl Ether	PEG-50 Oleyl Ether	Oleth-50
PEG-3 Myristyl Ether	Myreth-3	PEG-2 Oleyl Quaternium-4	PEG-2 Oleyl Quaternium-4
PEG-3 Myristyl Ether Caprate	Myreth-3 Caprate	PEG-15 Oleyl Quaternium-4	PEG-15 Oleyl Quaternium-4
PEG-3 Myristyl Ether Myristate	Myreth-3 Myristate	Pegospense 200 MS (Glyco)	PEG-4 Stearate
PEG-4 Myristyl Ether	Myreth-4		
PEG-7-2-Naphthol	PEG-7 Betanaphthol		

**Pegosperse 350 MS (Glyco)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Pegosperse 350 MS (Glyco)	PEG-7 Stearate
Pegosperse 400 MS (Glyco)	PEG-8 Stearate
Pegosperse 600 MS (Glyco)	PEG-12 Stearate
Pegosperse 900 MS (Glyco)	PEG-18 Stearate
*Pegosperse PS (Glyco)	Propylene Glycol Stearate SE
Pegosperse 100 L (Glyco)	PEG-2 Laurate
Pegosperse 100 LN (Glyco)	PEG-2 Laurate
Pegosperse 100 ML (Glyco)	PEG-2 Laurate
Pegosperse 100 MR (Glyco)	PEG-2 Ricinoleate
Pegosperse 100 O (Glyco)	PEG-2 Oleate
Pegosperse 100 S (Glyco)	PEG-2 Stearate
Pegosperse 1000 MS (Glyco)	PEG-20 Stearate
Pegosperse 1100 CO (Glyco)	PEG-25 Castor Oil
Pegosperse 1500 DL (Glyco)	PEG-6-32 Dilaurate
Pegosperse 1500 DO (Glyco)	PEG-6-32 Dioleate
Pegosperse 1500 MS (Glyco)	PEG-6-32 Stearate
Pegosperse 1750 MS (Glyco)	PEG-40 Stearate
Pegosperse 200 DL (Glyco)	PEG-4 Dilaurate
Pegosperse 200 ML (Glyco)	PEG-4 Laurate
Pegosperse 200 MO (Glyco)	PEG-4 Oleate
Pegosperse 2000 CO (Glyco)	PEG-40 Castor Oil
Pegosperse 300 MO (Glyco)	PEG-6 Oleate
Pegosperse 400 DL (Glyco)	PEG-8 Dilaurate
Pegosperse 400 DO (Glyco)	PEG-8 Dioleate
Pegosperse 400 DOT (Glyco)	PEG-8 Ditallate
Pegosperse 400 DS (Glyco)	PEG-8 Distearate
Pegosperse 400 DTR (Glyco)	PEG-8 Ditriricinoleate
Pegosperse 400 MC (Glyco)	PEG-8 Cocoate
Pegosperse 400 ML (Glyco)	PEG-8 Laurate
Pegosperse 400 MO (Glyco)	PEG-8 Oleate
Pegosperse 400 MOT (Glyco)	PEG-8 Tallate
Pegosperse 4000 DO (Glyco)	PEG-75 Dioleate
Pegosperse 4000 MS (Glyco)	PEG-75 Stearate
Pegosperse 450 MO (Glyco)	PEG-9 Oleate
Pegosperse 50 DS (Glyco)	Glycol Distearate
Pegosperse 50 MS (Glyco)	Glycol Stearate
Pegosperse 600 DOT (Glyco)	PEG-12 Ditallate
Pegosperse 600 ML (Glyco)	PEG-12 Laurate
Pegosperse 600 MO (Glyco)	PEG-12 Oleate
Pegosperse 700 TO (Glyco)	PEG-14 Oleate
Pegosperse 900 MP (Glyco)	PEG-18 Palmitate
Pegosperse 9000 CO (Glyco)	PEG-200 Castor Oil
Pegosperse 9000 HCO (Glyco)	PEG-200 Hydrogenated Castor Oil
PEG-2 Palmitamide	PEG-2 Palmitamide
PEG-6 Palmitate	PEG-6 Palmitate
PEG-18 Palmitate	PEG-18 Palmitate
PEG-20 Pentaerythritol Laurate	PEG-20 Pentaerythritol Laurate
PEG-30 Pentaerythritol Oleate	PEG-30 Pentaerythritol Oleate
PEG/PPG-17/6 Copolymer	PEG/PPG-17/6 Copolymer
PEG/PPG-18/4 Copolymer	PEG/PPG-18/4 Copolymer
PEG/PPG-23/50 Copolymer	PEG/PPG-23/50 Copolymer
PEG/PPG-35/9 Copolymer	PEG/PPG-35/9 Copolymer
PEG/PPG-125/30 Copolymer	PEG/PPG-125/30 Copolymer
PEG-8 Propylene Glycol Cocoate	PEG-8 Propylene Glycol Cocoate
PEG-25 Propylene Glycol Stearate	PEG-25 Propylene Glycol Stearate
PEG-120 Propylene Glycol Stearate	PEG-120 Propylene Glycol Stearate
PEG-2 Ricinoleate	PEG-2 Ricinoleate
PEG-8 Sesquilaurate	PEG-8 Sesquilaurate
PEG-8 Sesquioleate	PEG-8 Sesquioleate
PEG-6 Sorbitan Beeswax	PEG-6 Sorbitan Beeswax

**PEG-2 Tallow Amine**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
PEG-8 Sorbitan Beeswax	PEG-8 Sorbitan Beeswax
PEG-20 Sorbitan Beeswax	PEG-20 Sorbitan Beeswax
PEG-20 Sorbitan Isostearate	PEG-20 Sorbitan Isostearate
PEG-40 Sorbitan Lanolate	PEG-40 Sorbitan Lanolate
PEG-75 Sorbitan Lanolate	PEG-75 Sorbitan Lanolate
PEG-10 Sorbitan Laurate	PEG-10 Sorbitan Laurate
PEG-44 Sorbitan Laurate	PEG-44 Sorbitan Laurate
PEG-3 Sorbitan Oleate	PEG-3 Sorbitan Oleate
PEG-40 Sorbitan Peroleate	PEG-40 Sorbitan Peroleate
PEG-40 Sorbitan Stearate	PEG-40 Sorbitan Stearate
PEG-20 Sorbitol Ether	Sorbeth-20
PEG-2 Soyamine	PEG-2 Soyamine
PEG-5 Soyamine	PEG-5 Soyamine
PEG-10 Soyamine	PEG-10 Soyamine
PEG-15 Soyamine	PEG-15 Soyamine
PEG-5 Soya Sterol	PEG-5 Soya Sterol
PEG-10 Soya Sterol	PEG-10 Soya Sterol
PEG-16 Soya Sterol	PEG-16 Soya Sterol
PEG-25 Soya Sterol	PEG-25 Soya Sterol
PEG-40 Soya Sterol	PEG-40 Soya Sterol
PEG-2 Stearamine	PEG-2 Stearamine
PEG-5 Stearamine	PEG-5 Stearamine
PEG-10 Stearamine	PEG-10 Stearamine
PEG-15 Stearamine	PEG-15 Stearamine
PEG-50 Stearamine	PEG-50 Stearamine
PEG-2 Stearate	PEG-2 Stearate
PEG-2 Stearate SE	PEG-2 Stearate SE
PEG-4 Stearate	PEG-4 Stearate
PEG-5 Stearate	PEG-5 Stearate
PEG-6 Stearate	PEG-6 Stearate
PEG-6-32 Stearate	PEG-6-32 Stearate
PEG-7 Stearate	PEG-7 Stearate
PEG-8 Stearate	PEG-8 Stearate
PEG-9 Stearate	PEG-9 Stearate
PEG-10 Stearate	PEG-10 Stearate
PEG-12 Stearate	PEG-12 Stearate
PEG-18 Stearate	PEG-18 Stearate
PEG-20 Stearate	PEG-20 Stearate
PEG-30 Stearate	PEG-30 Stearate
PEG-32 Stearate	PEG-32 Stearate
PEG-35 Stearate	PEG-35 Stearate
PEG-36 Stearate	PEG-36 Stearate
PEG-40 Stearate	PEG-40 Stearate
PEG-45 Stearate	PEG-45 Stearate
PEG-50 Stearate	PEG-50 Stearate
PEG-75 Stearate	PEG-75 Stearate
PEG-90 Stearate	PEG-90 Stearate
PEG-100 Stearate	PEG-100 Stearate
PEG-120 Stearate	PEG-120 Stearate
PEG-150 Stearate	PEG-150 Stearate
PEG-2 Stearyl Ether	Steareth-2
PEG-4 Stearyl Ether	Steareth-4
PEG-7 Stearyl Ether	Steareth-7
PEG-10 Stearyl Ether	Steareth-10
PEG-20 Stearyl Ether	Steareth-20
PEG-30 Stearyl Ether	Steareth-30
PEG-2 Stearyl Quaternium-4	PEG-2 Stearyl Quaternium-4
PEG-15 Stearyl Quaternium-4	PEG-15 Stearyl Quaternium-4
PEG-4 Tallate	PEG-4 Tallate
PEG-8 Tallate	PEG-8 Tallate
PEG-12 Tallate	PEG-12 Tallate
PEG-16 Tallate	PEG-16 Tallate
PEG-20 Tallate	PEG-20 Tallate
PEG-5 Tallow Amide	PEG-5 Tallow Amide
PEG-8 Tallow Amide	PEG-8 Tallow Amide
PEG-50 Tallow Amide	PEG-50 Tallow Amide
PEG-2 Tallow Amine	PEG-2 Tallow Amine

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## PEG-5 Tallow Amine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
PEG-5 Tallow Amine	PEG-5 Tallow Amine
PEG-8 Tallow Amine	PEG-8 Tallow Amine
PEG-15 Tallow Amine	PEG-15 Tallow Amine
PEG-20 Tallow Amine	PEG-20 Tallow Amine
PEG-40 Tallow Amine	PEG-40 Tallow Amine
PEG-50 Tallow Amine	PEG-50 Tallow Amine
PEG-3 Tallow Aminopropyl-amine	PEG-3 Tallow Aminopropyl-amine
PEG-10 Tallow Aminopropyl-amine	PEG-10 Tallow Aminopropyl-amine
PEG-15 Tallow Aminopropyl-amine	PEG-15 Tallow Aminopropyl-amine
PEG-15 Tallow Polyamine	PEG-15 Tallow Polyamine
PEG-3 Tridecyl Ether	Trideceth-3
PEG-6 Tridecyl Ether	Trideceth-6
PEG-9 Tridecyl Ether	Trideceth-9
PEG-10 Tridecyl Ether	Trideceth-10
PEG-11 Tridecyl Ether	Trideceth-11
PEG-12 Tridecyl Ether	Trideceth-12
PEG-15 Tridecyl Ether	Trideceth-15
PEG-66 Trihydroxystearin	PEG-66 Trihydroxystearin
PEG-200 Trihydroxystearin	PEG-200 Trihydroxystearin
PEI-7	PEI-7
PEI-15	PEI-15
PEI-30	PEI-30
PEI-45	PEI-45
PEI-600E (Dow)	Hydroxyethyl PEI-1500
PEI-600E (Southwest)	Hydroxyethyl PEI-1500
PEI-1000	PEI-1000
PEI-1500	PEI-1500
PEI-2500	PEI-2500
Peneteck (Penreco)	Mineral Oil
Pengawar Djambi Oil	Pengawar Djambi Oil
Penn-Drake No. 2251 Oil (Penreco)	Petroleum Distillate
Pennsoline Soft White (Penreco)	Petrolatum
Pennsoline Soft Yellow (Penreco)	Petrolatum
Penreco White (Penreco)	Petrolatum
Pentadecalactone	Pentadecalactone
Pentadecanolide	Pentadecalactone
Pentaerythritol Rosinate	Pentaerythritol Rosinate
Pentaerythritol Tetraoctanoate	Pentaerythritol Tetraoctanoate
Pentaerythritol Tetrastearate	Pentaerythritol Tetrastearate
Pentalyn A (Hercules)	Pentaerythritol Rosinate
Pentapotassium Triphosphate	Pentapotassium Triphosphate
Pentasodium Diethylenetri-aminepentaacetate	Pentasodium Pentetate
Pentasodium Pentetate	Pentasodium Pentetate
Pentasodium Triphosphate	Pentasodium Triphosphate
Pentetic Acid	Pentetic Acid
Penthanil	Pentetic Acid
Peppermint Extract	Peppermint Extract
Peppermint Leaves	Peppermint Leaves
Peppermint Oil	Peppermint Oil
Peptonized Milk Nutrient (Humko Sheffield)	Hydrolyzed Milk Protein
Perchloroethylene	Tetrachloroethylene
Perfecta (Witco)	Petrolatum
Perhydrosqualene	Squalane
Perma Kleer Acid (Onyx)	EDTA
Perma Kleer Di Crystals (Onyx)	Disodium EDTA
Perma Kleer Tetra CP (Onyx)	Tetrasodium EDTA
Perma Kleer 80 (Onyx)	Trisodium HEDTA
Perma Kleer 80 Crystals (Onyx)	Trisodium HEDTA

## Phenyl Methyl Pyrazolone

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Perma Kleer 100 (Onyx)	Tetrasodium EDTA
Perma Kleer 140 (Onyx)	Pentasodium Pentetate
*Permanent Orange C76-001 (Sun)	D & C Orange No. 17 Lake
Permanent Pink C37-038 (Sun)	D & C Red No. 30 Lake
Persian Orange (Sun)	D & C Orange No. 4 Aluminum Lake
Persic Oil	Apricot Kernel Oil (or) Peach Kernel Oil
Persic Oil Acid, Ethyl Ester	Ethyl Persate
Peruvian Balsam	Balsam Peru
Peruvian Bark Extract	Cinchona Extract
*Petite Orange 7236 (Thomasset)	D & C Orange No. 5 Zirconium Lake
*Petite Pink 7047 (Thomasset)	D & C Red No. 27 Zirconium Lake
Petro AG (Petrochemicals)	Sodium Methyl Naphthalene Sulfonate
Petrolatum	Petrolatum
Petrolatum Amber	Petrolatum
Petrolatum Snow White (Penreco)	Petrolatum
Petrolatum, White	Petrolatum
Petroleum Distillate	Petroleum Distillate
Petroleum Jelly	Petrolatum
Petroleum Spirits	Mineral Spirits
Petroleum Wax, Crystalline	Paraffin
Petroleum Wax, Microcrystalline	Microcrystalline Wax
Pharmaceutical Lanolin (Croda)	Lanolin
Pharmaceutical Lanolin (Fanning)	Lanolin
Pharmaceutical Lanolin (Robinson-Wagner)	Lanolin
Pharmasorb Colloidal (Englehard Minerals)	Attapulgate
Phenacetin	Phenacetin
Phenethyl Alcohol	Phenethyl Alcohol
Phenol	Phenol
Phenoxydiglycol	Phenoxydiglycol
2-Phenoxyethanol	Phenoxyethanol
Phenoxyisopropanol	Phenoxyisopropanol
1-Phenoxy-2-Propanol	Phenoxyisopropanol
Phenoxytol	Phenoxyethanol
Phenyl Cellosolve (Union Carbide)	Phenoxyethanol
Phenyl Dimethicone	Phenyl Dimethicone
m-Phenylenediamine	m-Phenylenediamine
o-Phenylenediamine	o-Phenylenediamine
p-Phenylenediamine	p-Phenylenediamine
1,2-Phenylenediamine	o-Phenylenediamine
1,3-Phenylenediamine	m-Phenylenediamine
1,4-Phenylenediamine	p-Phenylenediamine
p-Phenylenediamine HCl	p-Phenylenediamine HCl
1,4-Phenylenediamine HCl	p-Phenylenediamine HCl
p-Phenylenediamine Hydrochloride	p-Phenylenediamine HCl
p-Phenylenediamine Sulfate	p-Phenylenediamine Sulfate
2-Phenylethanol	Phenethyl Alcohol
Phenyl Ethyl Alcohol	Phenethyl Alcohol
Phenyl Mercaptoacetic Acid	Phenylthioglycolic Acid
Phenyl Mercuric Acetate	Phenyl Mercuric Acetate
Phenyl Mercuric Benzoate	Phenyl Mercuric Benzoate
Phenyl Mercuric Borate	Phenyl Mercuric Borate
Phenyl Methyl Pyrazolone	Phenyl Methyl Pyrazolone

*o*-Phenylphenol

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
<i>o</i> -Phenylphenol	<i>o</i> -Phenylphenol
2-Phenyl Phenol	<i>o</i> -Phenylphenol
<i>o</i> -Phenyl Phenol Sodium Salt	Sodium <i>o</i> -Phenyl Phenate
N-Phenyl-p-Phenylene-diamine	N-Phenyl-p-Phenylene-diamine
N-Phenyl-p-Phenylene-diamine HCl	N-Phenyl-p-Phenylene-diamine HCl
N-Phenyl-p-Phenylene-diamine Sulfate	N-Phenyl-p-Phenylene-diamine Sulfate
3-Phenylpropenal	Cinnamal
Phenyl Thioacetic Acid	Phenylthioglycolic Acid
Phenylthioglycolic Acid	Phenylthioglycolic Acid
Phiasol	Cinoxate
Phloroglucinol	Phloroglucinol
Phosphoric Acid	Phosphoric Acid
Phthalocyanine Blue (Hilton-Davis)	Pigment Blue 15
Phthalocyanine Green (Hilton-Davis)	Pigment Green 7
*Pico Orange 3136 (Thomasset)	D & C Red No. 36 Lake
Picramic Acid	Picramic Acid
Pigment Blue 15	Pigment Blue 15
Pigment Blue 27	Ferric Ferrocyanide
Pigment Blue 29	Ultramarine Blue
Pigment Green 7	Pigment Green 7
Pigment Green 24	Ultramarine Green
*Pigment Orange 5	Pigment Orange 5
*Pigment Red 4	Pigment Red 4
*Pigment Red 49	Pigment Red 49
*Pigment Red 49:1	Pigment Red 49:1
*Pigment Red 49:2	Pigment Red 49:2
*Pigment Red 49:3	Pigment Red 49:3
*Pigment Red 53	Pigment Red 53
*Pigment Red 53:1	Pigment Red 53:1
*Pigment Red 57	Pigment Red 57
*Pigment Red 57:1	Pigment Red 57:1
*Pigment Red 63:1	Pigment Red 63:1
*Pigment Red 64:1	Pigment Red 64:1
Pigment Red 112	Pigment Red 112
Pigment Violet 15	Ultramarine Violet
Pigment White 14	Bismuth Oxychloride
Pigment Yellow 1	Pigment Yellow 1
Pigskin Extract	Pigskin Extract
Pineapple Juice	Pineapple Juice
Pine Needle Extract	Pine Needle Extract
Pine Oil	Pine Oil
Pine Tar	Pine Tar
Pine Tar Oil	Pine Tar Oil
Pioneer (Theodore Leonhard)	Beeswax
Plaster of Paris	Calcium Sulfate
Pluracol P-710 (BASF-Wyandotte)	PPG-12
Pluracol P-1010 (BASF-Wyandotte)	PPG-17
Plurafac A-38 (BASF-Wyandotte)	Cetareth-27
Plurafac D-25 (BASF-Wyandotte)	PPG-6-Pareth-28-11
Pluronic F-38 (BASF-Wyandotte)	Poloxamer 108
Pluronic F-68 (BASF-Wyandotte)	Poloxamer 188
Pluronic F-77 (BASF-Wyandotte)	Poloxamer 217
Pluronic F-87 (BASF-Wyandotte)	Poloxamer 237
Pluronic F-88 (BASF-Wyandotte)	Poloxamer 238
Pluronic F-98 (BASF-Wyandotte)	Poloxamer 288

Plymouth Aluminum Stearate #351 (Penick)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Pluronic F-108 (BASF-Wyandotte)	Poloxamer 338
Pluronic F-127 (BASF-Wyandotte)	Poloxamer 407
Pluronic L-31 (BASF-Wyandotte)	Poloxamer 101
Pluronic L-35 (BASF-Wyandotte)	Poloxamer 105
Pluronic L-42 (BASF-Wyandotte)	Poloxamer 122
Pluronic L-43 (BASF-Wyandotte)	Poloxamer 123
Pluronic L-44 (BASF-Wyandotte)	Poloxamer 124
Pluronic L-61 (BASF-Wyandotte)	Poloxamer 181
Pluronic L-62 (BASF-Wyandotte)	Poloxamer 182
Pluronic L-63 (BASF-Wyandotte)	Poloxamer 183
Pluronic L-64 (BASF-Wyandotte)	Poloxamer 184
Pluronic L-72 (BASF-Wyandotte)	Poloxamer 212
Pluronic L-81 (BASF-Wyandotte)	Poloxamer 231
Pluronic L-92 (BASF-Wyandotte)	Poloxamer 282
Pluronic L-101 (BASF-Wyandotte)	Poloxamer 331
Pluronic L-121 (BASF-Wyandotte)	Poloxamer 401
Pluronic L-122 (BASF-Wyandotte)	Poloxamer 402
Pluronic P-65 (BASF-Wyandotte)	Poloxamer 185
Pluronic P-75 (BASF-Wyandotte)	Poloxamer 215
Pluronic P-84 (BASF-Wyandotte)	Poloxamer 234
Pluronic P-85 (BASF-Wyandotte)	Poloxamer 235
Pluronic P-94 (BASF-Wyandotte)	Poloxamer 284
Pluronic P-103 (BASF-Wyandotte)	Poloxamer 333
Pluronic P-104 (BASF-Wyandotte)	Poloxamer 334
Pluronic P-105 (BASF-Wyandotte)	Poloxamer 335
Pluronic P-123 (BASF-Wyandotte)	Poloxamer 403
Pluronic R 10 R5 (BASF-Wyandotte)	Meroxapal 105
Pluronic R 10 R8 (BASF-Wyandotte)	Meroxapal 108
Pluronic R 17 R1 (BASF-Wyandotte)	Meroxapal 171
Pluronic R 17 R2 (BASF-Wyandotte)	Meroxapal 172
Pluronic R 17 R4 (BASF-Wyandotte)	Meroxapal 174
Pluronic R 17 R8 (BASF-Wyandotte)	Meroxapal 178
Pluronic R 25 R1 (BASF-Wyandotte)	Meroxapal 251
Pluronic R 25 R2 (BASF-Wyandotte)	Meroxapal 252
Pluronic R 25 R4 (BASF-Wyandotte)	Meroxapal 254
Pluronic R 25 R5 (BASF-Wyandotte)	Meroxapal 255
Pluronic R 25 R8 (BASF-Wyandotte)	Meroxapal 258
Pluronic R 31 R1 (BASF-Wyandotte)	Meroxapal 311
Pluronic R 31 R2 (BASF-Wyandotte)	Meroxapal 312
Pluronic R 31 R4 (BASF-Wyandotte)	Meroxapal 314
Plymouth Aluminum Stearate Food Grade (Penick)	Aluminum Stearate
Plymouth Aluminum Stearate #SMO3 (Penick)	Aluminum Stearate
Plymouth Aluminum Stearate #222-2B (Penick)	Aluminum Stearate
Plymouth Aluminum Stearate #351 (Penick)	Aluminum Stearate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Plymouth Aluminum Stearate #801 (Penick)**

**Polyethylene Glycol 400**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Plymouth Aluminum Stearate #801 (Penick)	Aluminum Stearate
Plymouth Aluminum Stearate #801-22 (Penick)	Aluminum Stearate
Plymouth Calcium Stearate D (Penick)	Calcium Stearate
Plymouth Calcium Stearate MK (Penick)	Calcium Stearate
Plymouth Calcium Stearate #53 (Penick)	Calcium Stearate
Plymouth IPM (Penick)	Isopropyl Myristate
Plymouth IPP (Penick)	Isopropyl Palmitate
Plymouth IPS (Penick)	Isopropyl Stearate
Plymouth Lithium Stearate #331-10 (Penick)	Lithium Stearate
Plymouth Magnesium Stearate (Penick)	Magnesium Stearate
Plymouth White Ceresin Wax P (Penick)	Ceresin
Plymouth White Ozokerite Wax 170-D (Penick)	Ozokerite
Plymouth White Ozokerite Wax 170-MF (Penick)	Ozokerite
Plymouth Yellow Ozokerite Wax S Special (Penick)	Ozokerite
Plymouth Zinc Stearate F (Penick)	Zinc Stearate
Plymouth Zinc Stearate HS (Penick)	Zinc Stearate
Plymouth Zinc Stearate LS-7 (Penick)	Zinc Stearate
Plymouth Zinc Stearate PM (Penick)	Zinc Stearate
Plymouth Zinc Stearate SI-36 (Penick)	Zinc Stearate
Plymouth Zinc Stearate SI-50 (Penick)	Zinc Stearate
Plymouth Zinc Stearate USP CEF (Penick)	Zinc Stearate
Plymouth Zinc Stearate USP #21 (Penick)	Zinc Stearate
Plymouth Zinc Stearate USP #220 (Penick)	Zinc Stearate
Plymouth Zinc Stearate XXX-H (Penick)	Zinc Stearate
Plymouth Zinc Stearate #344-88 (Penick)	Zinc Stearate
Podophyllum	Podophyllum
Podophyllum Extract	Podophyllum Extract
Podophyllum Resin	Podophyllum
POEM-LS-90 (Riken Vitamin Oil)	Sodium Cocomonoglyceride Sulfate
POEM-S-105 (Riken Vitamin Oil)	PEG-5 Glyceryl Stearate
*Polectron 430 (GAF)	Vinylpyrrolidone/Styrene Copolymer
Poloxalkol	Poloxamer 188
Poloxamer 101	Poloxamer 101
Poloxamer 105	Poloxamer 105
Poloxamer 108	Poloxamer 108
Poloxamer 122	Poloxamer 122
Poloxamer 123	Poloxamer 123
Poloxamer 124	Poloxamer 124
Poloxamer 181	Poloxamer 181
Poloxamer 182	Poloxamer 182
Poloxamer 183	Poloxamer 183
Poloxamer 184	Poloxamer 184
Poloxamer 185	Poloxamer 185
Poloxamer 188	Poloxamer 188
Poloxamer 212	Poloxamer 212

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Poloxamer 215	Poloxamer 215
Poloxamer 217	Poloxamer 217
Poloxamer 231	Poloxamer 231
Poloxamer 234	Poloxamer 234
Poloxamer 235	Poloxamer 235
Poloxamer 237	Poloxamer 237
Poloxamer 238	Poloxamer 238
Poloxamer 282	Poloxamer 282
Poloxamer 284	Poloxamer 284
Poloxamer 288	Poloxamer 288
Poloxamer 331	Poloxamer 331
Poloxamer 333	Poloxamer 333
Poloxamer 334	Poloxamer 334
Poloxamer 335	Poloxamer 335
Poloxamer 338	Poloxamer 338
Poloxamer 401	Poloxamer 401
Poloxamer 402	Poloxamer 402
Poloxamer 403	Poloxamer 403
Poloxamer 407	Poloxamer 407
Poloxamine 304	Poloxamine 304
Poloxamine 504	Poloxamine 504
Poloxamine 701	Poloxamine 701
Poloxamine 702	Poloxamine 702
Poloxamine 704	Poloxamine 704
Poloxamine 707	Poloxamine 707
Poloxamine 901	Poloxamine 901
Poloxamine 904	Poloxamine 904
Poloxamine 908	Poloxamine 908
Poloxamine 1101	Poloxamine 1101
Poloxamine 1102	Poloxamine 1102
Poloxamine 1104	Poloxamine 1104
Poloxamine 1301	Poloxamine 1301
Poloxamine 1302	Poloxamine 1302
Poloxamine 1304	Poloxamine 1304
Poloxamine 1307	Poloxamine 1307
Poloxamine 1501	Poloxamine 1501
Poloxamine 1502	Poloxamine 1502
Poloxamine 1504	Poloxamine 1504
Poloxamine 1508	Poloxamine 1508
Polyacrylamide	Polyacrylamide
Polyacrylic Acid	Polyacrylic Acid
Polyaminon-3 (Nippon Chemical)	Ethyl Glutamate (and) Ethyl Aspartate
Polyaminon-5 (Nippon Chemical)	Diethyl Aspartate (and) Diethyl Glutamate
Polyaminon-15 (Nippon Chemical)	Diethyl Glutamate (and) Ethyl Serinate (and) Diethyl Aspartate
Polyamino Sugar Condensate	Polyamino Sugar Condensate
Polybutene	Polybutene
Polychol 5 (Croda)	Laneth-5
Polychol 10 (Croda)	Laneth-10
Polychol 15 (Croda)	Laneth-15
Polychol 20 (Croda)	Laneth-20
Polychol 40 (Croda)	Laneth-40
Polycyclic Musk	Acetyl Ethyl Tetramethyl Tetralin
Polydimethylaminoethyl Methacrylate-Quaternized with Methyl Bromide	Quaternium-49
Poly(Dimethylsiloxyl) Stearoxysiloxane	Stearoxy Dimethicone
Polyethylacrylate	Polyethylacrylate
Polyethylene	Polyethylene
Polyethylene Glycol 200	PEG-4
Polyethylene Glycol 300	PEG-6
Polyethylene Glycol 400	PEG-8

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Polyethylene Glycol 600**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol 600	PEG-12
Polyethylene Glycol 1000	PEG-20
Polyethylene Glycol 1500	PEG-6-32
Polyethylene Glycol 1540	PEG-32
Polyethylene Glycol 2000	PEG-40
Polyethylene Glycol 4000	PEG-75
Polyethylene Glycol 6000	PEG-150
Polyethylene Glycol 9000	PEG-200
Polyethylene Glycol 20000	PEG-350
Polyethylene Glycol 200,000	PEG-5M
Polyethylene Glycol 300,000	PEG-7M
Polyethylene Glycol 600,000	PEG-14M
Polyethylene Glycol (14)	PEG-14
Polyethylene Glycol (2000)	PEG-2M
Polyethylene Glycol (20000)	PEG-20M
Polyethylene Glycol (90000)	PEG-90M
Polyethylene Glycol (7) Betanaphthol	PEG-7 Betanaphthol
Polyethylene Glycol 300 Caprylic/Capric Glycerides	PEG-6 Caprylic/Capric Glycerides
Polyethylene Glycol 400 Castor Oil	PEG-8 Castor Oil
Polyethylene Glycol 450 Castor Oil	PEG-9 Castor Oil
Polyethylene Glycol 1800 Castor Oil	PEG-36 Castor Oil
Polyethylene Glycol 2000 Castor Oil	PEG-40 Castor Oil
Polyethylene Glycol (25) Castor Oil	PEG-25 Castor Oil
Polyethylene Glycol (30) Castor Oil	PEG-30 Castor Oil
Polyethylene Glycol (60) Castor Oil	PEG-60 Castor Oil
Polyethylene Glycol (100) Castor Oil	PEG-100 Castor Oil
Polyethylene Glycol (200) Castor Oil	PEG-200 Castor Oil
Polyethylene Glycol 100 Cetyl Ether	Ceteth-2
Polyethylene Glycol 200 Cetyl Ether	Ceteth-4
Polyethylene Glycol 300 Cetyl Ether	Ceteth-6
Polyethylene Glycol 1000 Cetyl Ether	Ceteth-20
Polyethylene Glycol (10) Cetyl Ether	Ceteth-10
Polyethylene Glycol (16) Cetyl Ether	Ceteth-16
Polyethylene Glycol (30) Cetyl Ether	Ceteth-30
Polyethylene Glycol 200 Cetyl/Stearyl Ether	Cetareth-4
Polyethylene Glycol 300 Cetyl/Stearyl Ether	Cetareth-6
Polyethylene Glycol 400 Cetyl/Stearyl Ether	Cetareth-8
Polyethylene Glycol 600 Cetyl/Stearyl Ether	Cetareth-12
Polyethylene Glycol 1000 Cetyl/Stearyl Ether	Cetareth-20
Polyethylene Glycol (3) Cetyl/Stearyl Ether	Cetareth-3
Polyethylene Glycol (5) Cetyl/Stearyl Ether	Cetareth-5
Polyethylene Glycol (10) Cetyl/Stearyl Ether	Cetareth-10
Polyethylene Glycol (15) Cetyl/Stearyl Ether	Cetareth-15
Polyethylene Glycol (17) Cetyl/Stearyl Ether	Cetareth-17

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**Polyethylene Glycol 4000 Dioleate**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol (27) Cetyl/Stearyl Ether	Cetareth-27
Polyethylene Glycol (30) Cetyl/Stearyl Ether	Cetareth-30
Polyethylene Glycol (10) Cholesteryl Ether	Cholet-10
Polyethylene Glycol (24) Cholesteryl Ether	Cholet-24
Polyethylene Glycol 300 Coconut Amide	PEG-6 Cocamide
Polyethylene Glycol (3) Coconut Amide	PEG-3 Cocamide
Polyethylene Glycol 100 Coconut Amine	PEG-2 Cocamine
Polyethylene Glycol (5) Coconut Amine	PEG-5 Cocamine
Polyethylene Glycol (10) Coconut Amine	PEG-10 Cocamine
Polyethylene Glycol (15) Coconut Amine	PEG-15 Cocamine
Polyethylene Glycol 400 Coconut Ether	Coceth-8
Polyethylene Glycol 100 Cocoyl Quaternium-4	PEG-2 Cocoyl Quaternium-4
Polyethylene Glycol (15) Cocoyl Quaternium-4	PEG-15 Cocoyl Quaternium-4
Polyethylene Glycol 200 Dilaurate	PEG-4 Dilaurate
Polyethylene Glycol 300 Dilaurate	PEG-6 Dilaurate
Polyethylene Glycol 400 Dilaurate	PEG-8 Dilaurate
Polyethylene Glycol 600 Dilaurate	PEG-12 Dilaurate
Polyethylene Glycol 1000 Dilaurate	PEG-20 Dilaurate
Polyethylene Glycol 1500 Dilaurate	PEG-6-32 Dilaurate
Polyethylene Glycol 1540 Dilaurate	PEG-32 Dilaurate
Polyethylene Glycol 4000 Dilaurate	PEG-75 Dilaurate
Polyethylene Glycol 6000 Dilaurate	PEG-150 Dilaurate
Polyethylene Glycol 450 Dinonyl Phenyl Ether Phosphate	Nonyl Nonoxynol-9 Phosphate
Polyethylene Glycol (5) Dinonyl Phenyl Ether	Nonyl Nonoxynol-5
Polyethylene Glycol (10) Dinonyl Phenyl Ether	Nonyl Nonoxynol-10
Polyethylene Glycol (49) Dinonyl Phenyl Ether	Nonyl Nonoxynol-49
Polyethylene Glycol (150) Dinonyl Phenyl Ether	Nonyl Nonoxynol-150
Polyethylene Glycol 200 Dioleate	PEG-4 Dioleate
Polyethylene Glycol 300 Dioleate	PEG-6 Dioleate
Polyethylene Glycol 400 Dioleate	PEG-8 Dioleate
Polyethylene Glycol 600 Dioleate	PEG-12 Dioleate
Polyethylene Glycol 1000 Dioleate	PEG-20 Dioleate
Polyethylene Glycol 1500 Dioleate	PEG-6-32 Dioleate
Polyethylene Glycol 1540 Dioleate	PEG-32 Dioleate
Polyethylene Glycol 4000 Dioleate	PEG-75 Dioleate

CTFA Cosmetic Ingredient Dictionary

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.



*Polyethylene Glycol 6000 Dioleate*

*Polyethylene Glycol 600 Lauryl Ether*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol 6000 Dioleate	PEG-150 Dioleate
Polyethylene Glycol (10) Dioleate	PEG-10 Dioleate
Polyethylene Glycol 100 Distearate	PEG-2 Distearate
Polyethylene Glycol 200 Distearate	PEG-4 Distearate
Polyethylene Glycol 300 Distearate	PEG-6 Distearate
Polyethylene Glycol 400 Distearate	PEG-8 Distearate
Polyethylene Glycol 600 Distearate	PEG-12 Distearate
Polyethylene Glycol 1000 Distearate	PEG-20 Distearate
Polyethylene Glycol 1540 Distearate	PEG-32 Distearate
Polyethylene Glycol 4000 Distearate	PEG-75 Distearate
Polyethylene Glycol 6000 Distearate	PEG-150 Distearate
Polyethylene Glycol (3) Distearate	PEG-3 Distearate
Polyethylene Glycol (175) Distearate	PEG-175 Distearate
Polyethylene Glycol 400 Ditallate	PEG-8 Ditallate
Polyethylene Glycol 600 Ditallate	PEG-12 Ditallate
Polyethylene Glycol 400 Di-Tri-Ricinoleate	PEG-8 Ditriricinoleate
Polyethylene Glycol 300 Dodecyl Phenyl Ether	Dodoxynol-6
Polyethylene Glycol 450 Dodecyl Phenyl Ether	Dodoxynol-9
Polyethylene Glycol 600 Dodecyl Phenyl Ether	Dodoxynol-12
Polyethylene Glycol (5) Dodecyl Phenyl Ether	Dodoxynol-5
Polyethylene Glycol (7) Dodecyl Phenyl Ether	Dodoxynol-7
Polyethylene Glycol (26) Glyceryl Ether	Glycereth-26
Polyethylene Glycol (7) Glyceryl Monococoate	PEG-7 Glyceryl Cocoate
Polyethylene Glycol 1000 Glyceryl Monolaurate	PEG-20 Glyceryl Laurate
Polyethylene Glycol (30) Glyceryl Monolaurate	PEG-30 Glyceryl Laurate
Polyethylene Glycol 1000 Glyceryl Monooleate	PEG-20 Glyceryl Oleate
Polyethylene Glycol (30) Glyceryl Monooleate	PEG-30 Glyceryl Oleate
Polyethylene Glycol 1000 Glyceryl Monoricinoleate	PEG-20 Glyceryl Ricinoleate
Polyethylene Glycol (15) Glyceryl Monoricinoleate	PEG-15 Glyceryl Ricinoleate
Polyethylene Glycol 1000 Glyceryl Monostearate	PEG-20 Glyceryl Stearate
Polyethylene Glycol (5) Glyceryl Monostearate	PEG-5 Glyceryl Stearate
Polyethylene Glycol (30) Glyceryl Monostearate	PEG-30 Glyceryl Stearate
Polyethylene Glycol (120) Glyceryl Monostearate	PEG-120 Glyceryl Stearate
Polyethylene Glycol 2000 Hydrogenated Castor Oil	PEG-40 Hydrogenated Castor Oil
Polyethylene Glycol (5) Hydrogenated Castor Oil	PEG-5 Hydrogenated Castor Oil
Polyethylene Glycol (16) Hydrogenated Castor Oil	PEG-16 Hydrogenated Castor Oil

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol (25) Hydrogenated Castor Oil	PEG-25 Hydrogenated Castor Oil
Polyethylene Glycol (30) Hydrogenated Castor Oil	PEG-30 Hydrogenated Castor Oil
Polyethylene Glycol (60) Hydrogenated Castor Oil	PEG-60 Hydrogenated Castor Oil
Polyethylene Glycol (100) Hydrogenated Castor Oil	PEG-100 Hydrogenated Castor Oil
Polyethylene Glycol (200) Hydrogenated Castor Oil	PEG-200 Hydrogenated Castor Oil
Polyethylene Glycol (5) Hydrogenated Corn Glycerides	PEG-5 Hydrogenated Corn Glycerides
Polyethylene Glycol 1000 Hydrogenated Lanolin	PEG-20 Hydrogenated Lanolin
Polyethylene Glycol (5) Hydrogenated Lanolin	PEG-5 Hydrogenated Lanolin
Polyethylene Glycol (10) Hydrogenated Lanolin	PEG-10 Hydrogenated Lanolin
Polyethylene Glycol (24) Hydrogenated Lanolin	PEG-24 Hydrogenated Lanolin
Polyethylene Glycol (30) Hydrogenated Lanolin	PEG-30 Hydrogenated Lanolin
Polyethylene Glycol (5) Hydrogenated Tallow Amide	PEG-5 Tallow Amide
Polyethylene Glycol (50) Hydrogenated Tallow Amide	PEG-50 Tallow Amide
Polyethylene Glycol (5) Lanolate	PEG-5 Lanolate
Polyethylene Glycol (10) Lanolate	PEG-10 Lanolate
Polyethylene Glycol 1000 Lanolin	PEG-20 Lanolin
Polyethylene Glycol 2000 Lanolin	PEG-40 Lanolin
Polyethylene Glycol 4000 Lanolin	PEG-75 Lanolin
Polyethylene Glycol (27) Lanolin	PEG-27 Lanolin
Polyethylene Glycol (30) Lanolin	PEG-30 Lanolin
Polyethylene Glycol (50) Lanolin	PEG-50 Lanolin
Polyethylene Glycol (60) Lanolin	PEG-60 Lanolin
Polyethylene Glycol (70) Lanolin	PEG-70 Lanolin
Polyethylene Glycol (85) Lanolin	PEG-85 Lanolin
Polyethylene Glycol (100) Lanolin	PEG-100 Lanolin
Polyethylene Glycol 4000 Lanolin Oil	PEG-75 Lanolin Oil
Polyethylene Glycol 4000 Lanolin Wax	PEG-75 Lanolin Wax
Polyethylene Glycol 300 Lauryl Amide	PEG-6 Lauramide
Polyethylene Glycol (3) Lauryl Amide	PEG-3 Lauramide
Polyethylene Glycol 100 Lauryl Ether	Laureth-2
Polyethylene Glycol 200 Lauryl Ether	Laureth-4
Polyethylene Glycol 300 Lauryl Ether	Laureth-6
Polyethylene Glycol 400 Lauryl Ether	Laureth-8
Polyethylene Glycol 400 Lauryl Ether Phosphate	Laureth-8 Phosphate
Polyethylene Glycol 450 Lauryl Ether	Laureth-9
Polyethylene Glycol 600 Lauryl Ether	Laureth-12

**Polyethylene Glycol 1000 Lauryl Ether**

**Polyethylene Glycol (90) Monostearate**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol 1000 Lauryl Ether	Laureth-20
Polyethylene Glycol 2000 Lauryl Ether	Laureth-40
Polyethylene Glycol (3) Lauryl Ether	Laureth-3
Polyethylene Glycol (5) Lauryl Ether	Laureth-5
Polyethylene Glycol (7) Lauryl Ether	Laureth-7
Polyethylene Glycol (10) Lauryl Ether	Laureth-10
Polyethylene Glycol (11) Lauryl Ether	Laureth-11
Polyethylene Glycol (13) Lauryl Ether	Laureth-13
Polyethylene Glycol (15) Lauryl Ether	Laureth-15
Polyethylene Glycol (23) Lauryl Ether	Laureth-23
Polyethylene Glycol (25) Lauryl Ether	Laureth-25
Polyethylene Glycol (30) Lauryl Ether	Laureth-30
Polyethylene Glycol (6) Methyl Ether	PEG-6 Methyl Ether
Polyethylene Glycol 400 Monococoate	PEG-8 Cocoate
Polyethylene Glycol (5) Monococoate	PEG-5 Cocoate
Polyethylene Glycol (15) Monococoate	PEG-15 Cocoate
Polyethylene Glycol 300 Monoisopalmitate	PEG-6 Isopalmitate
Polyethylene Glycol 300 Monoisostearate	PEG-6 Isostearate
Polyethylene Glycol 600 Monoisostearate	PEG-12 Isostearate
Polyethylene Glycol 100 Monolaurate	PEG-2 Laurate
Polyethylene Glycol 100 Mono-laurate Self-Emulsifying	PEG-2 Laurate SE
Polyethylene Glycol 200 Monolaurate	PEG-4 Laurate
Polyethylene Glycol 300 Monolaurate	PEG-6 Laurate
Polyethylene Glycol 400 Monolaurate	PEG-8 Laurate
Polyethylene Glycol 450 Monolaurate	PEG-9 Laurate
Polyethylene Glycol 600 Monolaurate	PEG-12 Laurate
Polyethylene Glycol 1000 Monolaurate	PEG-20 Laurate
Polyethylene Glycol 1540 Monolaurate	PEG-32 Laurate
Polyethylene Glycol 4000 Monolaurate	PEG-75 Laurate
Polyethylene Glycol 6000 Monolaurate	PEG-150 Laurate
Polyethylene Glycol 200 Monoctanoate	PEG-4 Octanoate
Polyethylene Glycol 100 Monooleate	PEG-2 Oleate
Polyethylene Glycol 100 Monooleate Self-Emulsifying	PEG-2 Oleate SE
Polyethylene Glycol 200 Monooleate	PEG-4 Oleate
Polyethylene Glycol 300 Monooleate	PEG-6 Oleate
Polyethylene Glycol 400 Monooleate	PEG-8 Oleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol 450 Monooleate	PEG-9 Oleate
Polyethylene Glycol 600 Monooleate	PEG-12 Oleate
Polyethylene Glycol 1000 Monooleate	PEG-20 Oleate
Polyethylene Glycol 1540 Monooleate	PEG-32 Oleate
Polyethylene Glycol 4000 Monooleate	PEG-75 Oleate
Polyethylene Glycol 6000 Monooleate	PEG-150 Oleate
Polyethylene Glycol (3) Monooleate	PEG-3 Oleate
Polyethylene Glycol (5) Monooleate	PEG-5 Oleate
Polyethylene Glycol (10) Monooleate	PEG-10 Oleate
Polyethylene Glycol (14) Monooleate	PEG-14 Oleate
Polyethylene Glycol 300 Monopalmitate	PEG-6 Palmitate
Polyethylene Glycol (18) Monopalmitate	PEG-18 Palmitate
Polyethylene Glycol 100 Monoricinoleate	PEG-2 Ricinoleate
Polyethylene Glycol 100 Monostearate	PEG-2 Stearate
Polyethylene Glycol 100 Mono-stearate Self-Emulsifying	PEG-2 Stearate SE
Polyethylene Glycol 200 Monostearate	PEG-4 Stearate
Polyethylene Glycol 300 Monostearate	PEG-6 Stearate
Polyethylene Glycol 400 Monostearate	PEG-8 Stearate
Polyethylene Glycol 450 Monostearate	PEG-9 Stearate
Polyethylene Glycol 600 Monostearate	PEG-12 Stearate
Polyethylene Glycol 1000 Monostearate	PEG-20 Stearate
Polyethylene Glycol 1500 Monostearate	PEG-6-32 Stearate
Polyethylene Glycol 1540 Monostearate	PEG-32 Stearate
Polyethylene Glycol 1800 Monostearate	PEG-36 Stearate
Polyethylene Glycol 2000 Monostearate	PEG-40 Stearate
Polyethylene Glycol 4000 Monostearate	PEG-75 Stearate
Polyethylene Glycol 6000 Monostearate	PEG-150 Stearate
Polyethylene Glycol (5) Monostearate	PEG-5 Stearate
Polyethylene Glycol (7) Monostearate	PEG-7 Stearate
Polyethylene Glycol (10) Monostearate	PEG-10 Stearate
Polyethylene Glycol (18) Monostearate	PEG-18 Stearate
Polyethylene Glycol (30) Monostearate	PEG-30 Stearate
Polyethylene Glycol (35) Monostearate	PEG-35 Stearate
Polyethylene Glycol (45) Monostearate	PEG-45 Stearate
Polyethylene Glycol (50) Monostearate	PEG-50 Stearate
Polyethylene Glycol (90) Monostearate	PEG-90 Stearate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Polyethylene Glycol (100) Monostearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol (100) Monostearate	PEG-100 Stearate
Polyethylene Glycol (120) Monostearate	PEG-120 Stearate
Polyethylene Glycol 200 Monotallate	PEG-4 Tallate
Polyethylene Glycol 400 Monotallate	PEG-8 Tallate
Polyethylene Glycol 600 Monotallate	PEG-12 Tallate
Polyethylene Glycol 1000 Monotallate	PEG-20 Tallate
Polyethylene Glycol (16) Monotallate	PEG-16 Tallate
Polyethylene Glycol 200 Myristyl Ether	Myreth-4
Polyethylene Glycol (3) Myristyl Ether	Myreth-3
Polyethylene Glycol (3) Myristyl Ether Caprate	Myreth-3 Caprate
Polyethylene Glycol (3) Myristyl Ether Myristate	Myreth-3 Myristate
Polyethylene Glycol 100 Nonyl Phenyl Ether	Nonoxynol-2
Polyethylene Glycol 200 Nonyl Phenyl Ether	Nonoxynol-4
Polyethylene Glycol 300 Nonyl Phenyl Ether	Nonoxynol-6
Polyethylene Glycol 400 Nonyl Phenyl Ether	Nonoxynol-8
Polyethylene Glycol 450 Nonyl Phenyl Ether	Nonoxynol-9
Polyethylene Glycol 450 Nonyl Phenyl Ether Iodine Complex	Nonoxynol-9 Iodine
Polyethylene Glycol 600 Nonyl Phenyl Ether	Nonoxynol-12
Polyethylene Glycol 1000 Nonyl Phenyl Ether	Nonoxynol-20
Polyethylene Glycol 2000 Nonyl Phenyl Ether	Nonoxynol-40
Polyethylene Glycol (5) Nonyl Phenyl Ether	Nonoxynol-5
Polyethylene Glycol (7) Nonyl Phenyl Ether	Nonoxynol-7
Polyethylene Glycol (10) Nonyl Phenyl Ether	Nonoxynol-10
Polyethylene Glycol (10) Nonyl Phenyl Ether Phosphate	Nonoxynol-10 Phosphate
Polyethylene Glycol (11) Nonyl Phenyl Ether	Nonoxynol-11
Polyethylene Glycol (13) Nonyl Phenyl Ether	Nonoxynol-13
Polyethylene Glycol (14) Nonyl Phenyl Ether	Nonoxynol-14
Polyethylene Glycol (15) Nonyl Phenyl Ether	Nonoxynol-15
Polyethylene Glycol (18) Nonyl Phenyl Ether	Nonoxynol-18
Polyethylene Glycol (23) Nonyl Phenyl Ether	Nonoxynol-23
Polyethylene Glycol (30) Nonyl Phenyl Ether	Nonoxynol-30
Polyethylene Glycol (50) Nonyl Phenyl Ether	Nonoxynol-50
Polyethylene Glycol (100) Nonyl Phenyl Ether	Nonoxynol-100
Polyethylene Glycol 450 Octyl Phenyl Ether	Octoxynol-9
Polyethylene Glycol 2000 Octyl Phenyl Ether	Octoxynol-40

## Polyethylene Glycol 2000 Sorbitan Lanolate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol (3) Octyl Phenyl Ether	Octoxynol-3
Polyethylene Glycol (5) Octyl Phenyl Ether	Octoxynol-5
Polyethylene Glycol (13) Octyl Phenyl Ether	Octoxynol-13
Polyethylene Glycol (5) Oleyl Amide	PEG-5 Oleamide
Polyethylene Glycol 100 Oleyl Amine	PEG-2 Oleamine
Polyethylene Glycol (5) Oleyl Amine	PEG-5 Oleamine
Polyethylene Glycol (15) Oleyl Amine	PEG-15 Oleamine
Polyethylene Glycol 100 Oleyl Ether	Oleth-2
Polyethylene Glycol 200 Oleyl Ether	Oleth-4
Polyethylene Glycol 200 Oleyl Ether Phosphate	Oleth-4 Phosphate
Polyethylene Glycol 1000 Oleyl Ether	Oleth-20
Polyethylene Glycol 1000 Oleyl Ether Phosphate	Oleth-20 Phosphate
Polyethylene Glycol (3) Oleyl Ether	Oleth-3
Polyethylene Glycol (3) Oleyl Ether Phosphate	Oleth-3 Phosphate
Polyethylene Glycol (5) Oleyl Ether	Oleth-5
Polyethylene Glycol (10) Oleyl Ether	Oleth-10
Polyethylene Glycol (10) Oleyl Ether Phosphate	Oleth-10 Phosphate
Polyethylene Glycol (15) Oleyl Ether	Oleth-15
Polyethylene Glycol (23) Oleyl Ether	Oleth-23
Polyethylene Glycol (25) Oleyl Ether	Oleth-25
Polyethylene Glycol (50) Oleyl Ether	Oleth-50
Polyethylene Glycol 100 Oleyl Quaternium-4	PEG-2 Oleyl Quaternium-4
Polyethylene Glycol (15) Oleyl Quaternium-4	PEG-15 Oleyl Quaternium-4
Polyethylene Glycol 100 Palmitamide	PEG-2 Palmitamide
Polyethylene Glycol 1000 Pentaerythritol Monolaurate	PEG-20 Pentaerythritol Laurate
Polyethylene Glycol (30) Pentaerythritol Monooleate	PEG-30 Pentaerythritol Oleate
Polyethylene Glycol 400 Propylene Glycol Cocoate	PEG-8 Propylene Glycol Cocoate
Polyethylene Glycol (25) Propylene Glycol Monostearate	PEG-25 Propylene Glycol Stearate
Polyethylene Glycol (120) Propylene Glycol Monostearate	PEG-120 Propylene Glycol Stearate
Polyethylene Glycol 400 Sesquilaurate	PEG-8 Sesquilaurate
Polyethylene Glycol 400 Sesquioleate	PEG-8 Sesquioleate
Polyethylene Glycol 300 Sorbitan Beeswax	PEG-6 Sorbitan Beeswax
Polyethylene Glycol 400 Sorbitan Beeswax	PEG-8 Sorbitan Beeswax
Polyethylene Glycol 1000 Sorbitan Beeswax	PEG-20 Sorbitan Beeswax
Polyethylene Glycol 2000 Sorbitan Lanolate	PEG-40 Sorbitan Lanolate

*Polyethylene Glycol 4000 Sorbitan Lanolate*

*Polyglycol P-2000 (Dow)*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol 4000 Sorbitan Lanolate	PEG-75 Sorbitan Lanolate
Polyethylene Glycol 1000 Sorbitan Monoisostearate	PEG-20 Sorbitan Isostearate
Polyethylene Glycol (10) Sorbitan Monolaurate	PEG-10 Sorbitan Laurate
Polyethylene Glycol (44) Sorbitan Monolaurate	PEG-44 Sorbitan Laurate
Polyethylene Glycol (3) Sorbitan Monooleate	PEG-3 Sorbitan Oleate
Polyethylene Glycol 2000 Sorbitan Peroleate	PEG-40 Sorbitan Peroleate
Polyethylene Glycol 2000 Sorbitan Stearate	PEG-40 Sorbitan Stearate
Polyethylene Glycol 1000 Sorbitol Ether	Sorbeth-20
Polyethylene Glycol 100 Soya Amine	PEG-2 Soyamine
Polyethylene Glycol (5) Soya Amine	PEG-5 Soyamine
Polyethylene Glycol (10) Soya Amine	PEG-10 Soyamine
Polyethylene Glycol (15) Soya Amine	PEG-15 Soyamine
Polyethylene Glycol 2000 Soya Sterol	PEG-40 Soya Sterol
Polyethylene Glycol (5) Soya Sterol	PEG-5 Soya Sterol
Polyethylene Glycol (10) Soya Sterol	PEG-10 Soya Sterol
Polyethylene Glycol (16) Soya Sterol	PEG-16 Soya Sterol
Polyethylene Glycol (25) Soya Sterol	PEG-25 Soya Sterol
Polyethylene Glycol 100 Stearyl Amine	PEG-2 Stearamine
Polyethylene Glycol (5) Stearyl Amine	PEG-5 Stearamine
Polyethylene Glycol (10) Stearyl Amine	PEG-10 Stearamine
Polyethylene Glycol (15) Stearyl Amine	PEG-15 Stearamine
Polyethylene Glycol (50) Stearyl Amine	PEG-50 Stearamine
Polyethylene Glycol 100 Stearyl Ether	Steareth-2
Polyethylene Glycol 200 Stearyl Ether	Steareth-4
Polyethylene Glycol 1000 Stearyl Ether	Steareth-20
Polyethylene Glycol (7) Stearyl Ether	Steareth-7
Polyethylene Glycol (10) Stearyl Ether	Steareth-10
Polyethylene Glycol (30) Stearyl Ether	Steareth-30
Polyethylene Glycol 100 Stearyl Quaternium-4	PEG-2 Stearyl Quaternium-4
Polyethylene Glycol (15) Stearyl Quaternium-4	PEG-15 Stearyl Quaternium-4
Polyethylene Glycol 400 Tallow Amide	PEG-8 Tallow Amide
Polyethylene Glycol 100 Tallow Amine	PEG-2 Tallow Amine
Polyethylene Glycol 400 Tallow Amine	PEG-8 Tallow Amine
Polyethylene Glycol 1000 Tallow Amine	PEG-20 Tallow Amine
Polyethylene Glycol 2000 Tallow Amine	PEG-40 Tallow Amine
Polyethylene Glycol (5) Tallow Amine	PEG-5 Tallow Amine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyethylene Glycol (15) Tallow Amine	PEG-15 Tallow Amine
Polyethylene Glycol (50) Tallow Amine	PEG-50 Tallow Amine
Polyethylene Glycol (3) Tallow Aminopropylamine	PEG-3 Tallow Aminopropylamine
Polyethylene Glycol (10) Tallow Aminopropylamine	PEG-10 Tallow Aminopropylamine
Polyethylene Glycol (15) Tallow Aminopropylamine	PEG-15 Tallow Aminopropylamine
Polyethylene Glycol (6) Tallow Ether	Talloweth-6
Polyethylene Glycol (15) Tallow Polyamine	PEG-15 Tallow Polyamine
*Polyethylene Glycol 300 Tridecyl Ether	Trideceth-6
Polyethylene Glycol 450 Tridecyl Ether	Trideceth-9
*Polyethylene Glycol 600 Tridecyl Ether	Trideceth-12
Polyethylene Glycol (3) Tridecyl Ether	Trideceth-3
Polyethylene Glycol (10) Tridecyl Ether	Trideceth-10
Polyethylene Glycol (11) Tridecyl Ether	Trideceth-11
Polyethylene Glycol (15) Tridecyl Ether	Trideceth-15
Polyethylene Glycol (66) Trihydroxystearin	PEG-66 Trihydroxystearin
Polyethylene Glycol (200) Trihydroxystearin	PEG-200 Trihydroxystearin
Polyethylenimine 300 (Dow)	PEI-7
Polyethylenimine 600 (Dow)	PEI-15
Polyethylenimine 1200 (Dow)	PEI-30
Polyethylenimine 1800 (Dow)	PEI-45
Polyethylenimine 40,000 (Dow)	PEI-1000
Polyethylenimine 60,000 (Dow)	PEI-1500
Polyethylenimine 100,000 (Dow)	PEI-2500
Polyglyceryl-4 Cocoate	Polyglyceryl-4 Cocoate
Polyglyceryl-10 Decalinoleate	Polyglyceryl-10 Decalinoleate
Polyglyceryl-10 Decaoleate	Polyglyceryl-10 Decaoleate
Polyglyceryl-10 Decastearate	Polyglyceryl-10 Decastearate
Polyglyceryl-3 Diisostearate	Polyglyceryl-3 Diisostearate
Polyglyceryl-6 Dioleate	Polyglyceryl-6 Dioleate
Polyglyceryl-6 Distearate	Polyglyceryl-6 Distearate
Polyglyceryl-4 Isostearate	Polyglyceryl-4 Isostearate
Polyglyceryl-4 Lauryl Ether	Polyglyceryl-4 Lauryl Ether
Polyglyceryl-3 Oleate	Polyglyceryl-3 Oleate
Polyglyceryl-4 Oleate	Polyglyceryl-4 Oleate
Polyglyceryl-2 Oleyl Ether	Polyglyceryl-2 Oleyl Ether
Polyglyceryl-4 Oleyl Ether	Polyglyceryl-4 Oleyl Ether
Polyglyceryl-2 Sesquioleate	Polyglyceryl-2 Sesquioleate
Polyglyceryl Sorbitol	Polyglyceryl Sorbitol
Polyglyceryl-3 Stearate	Polyglyceryl-3 Stearate
Polyglyceryl-10 Tetraoleate	Polyglyceryl-10 Tetraoleate
Polyglyceryl-2 Tetrastearate	Polyglyceryl-2 Tetrastearate
Polyglycol E-200 (Dow)	PEG-4
Polyglycol E-300 (Dow)	PEG-6
Polyglycol E-400 (Dow)	PEG-8
Polyglycol E-600 (Dow)	PEG-12
Polyglycol E-1000 (Dow)	PEG-20
Polyglycol E-1450 (Dow)	PEG-32
Polyglycol E-2000 (Dow)	PEG-40
Polyglycol E-4000 (Dow)	PEG-75
Polyglycol E-4000 USP (Dow)	PEG-75
Polyglycol E-6000 (Dow)	PEG-150
Polyglycol E-9000 (Dow)	PEG-200
Polyglycol E-20000 (Dow)	PEG-350
Polyglycol P-1200 (Dow)	PPG-20
Polyglycol P-2000 (Dow)	PPG-26

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Polyglycol 15-200 (Dow)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyglycol 15-200 (Dow)	PPG-24-Glycereth-24
Polyglycol 112-2 (Dow)	PPG-66-Glycereth-12
Polyisobutene	Polyisobutene
Polyisobutylene	Polyisobutene
Polylan (Amerchol)	Lanolin Linoleate
Polylin 155 (Knapp)	Linoleic Acid
Polymer JR-30M (Union Carbide)	Quaternium-19
Polymer JR-125 (Union Carbide)	Quaternium-19
Polymer JR-400 (Union Carbide)	Quaternium-19
Polymer KL 219C (Interpolymer)	Acrylate/Ammonium Methacrylate Copolymer
Polymer 5002 (Interpolymer)	Styrene/Acrylate/Ammonium Methacrylate Polymer (and) Propylene Glycol (and) Potassium Octoxynol-12 Phosphate (and) Sodium Lauryl Sulfate (and) Nonoxynol-10
Polymer 5170 (Interpolymer)	Ammonium Acrylates Copolymer (and) Propylene Glycol (and) Potassium Octoxynol-12 Phosphate (and) Sodium Lauryl Sulfate (and) Nonoxynol-10
Polymoist 799 (Knapp)	Cholesterol
Polymulse 6 (Knapp)	PEG-6 Palmitate
Polyox Resin WSR 35 (Union Carbide)	PEG-5M
Polyox WSR-205 (Union Carbide)	PEG-14M
Polyox WSR-301 (Union Carbide)	PEG-90M
Polyox WSR-1105 (Union Carbide)	PEG-20M
Polyox WSR N-10 (Union Carbide)	PEG-2M
Polyox WSR N-80 (Union Carbide)	PEG-5M
Polyox WSR N-750 (Union Carbide)	PEG-7M
Polyox WSR N-3000 (Union Carbide)	PEG-14M
Polyoxyethylene 1500	PEG-6-32
Polyoxyethylene (4)	PEG-4
Polyoxyethylene (6)	PEG-6
Polyoxyethylene (8)	PEG-8
Polyoxyethylene (12)	PEG-12
Polyoxyethylene (14)	PEG-14
Polyoxyethylene (20)	PEG-20
Polyoxyethylene (32)	PEG-32
Polyoxyethylene (40)	PEG-40
Polyoxyethylene (75)	PEG-75
Polyoxyethylene (150)	PEG-150
Polyoxyethylene (200)	PEG-200
Polyoxyethylene (350)	PEG-350
Polyoxyethylene (2000)	PEG-2M
Polyoxyethylene (5000)	PEG-5M
Polyoxyethylene (7000)	PEG-7M
Polyoxyethylene (14000)	PEG-14M
Polyoxyethylene (20000)	PEG-20M
Polyoxyethylene (90000)	PEG-90M
Polyoxyethylene (7) Betanaphthol	PEG-7 Betanaphthol
Polyoxyethylene (6) Caprylic/Capric Glycerides	PEG-6 Caprylic/Capric Glycerides
Polyoxyethylene (8) Castor Oil	PEG-8 Castor Oil
Polyoxyethylene (9) Castor Oil	PEG-9 Castor Oil

**Polyoxyethylene (2) Cocoyl Quaternium-4**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (25) Castor Oil	PEG-25 Castor Oil
Polyoxyethylene (30) Castor Oil	PEG-30 Castor Oil
Polyoxyethylene (36) Castor Oil	PEG-36 Castor Oil
Polyoxyethylene (40) Castor Oil	PEG-40 Castor Oil
Polyoxyethylene (60) Castor Oil	PEG-60 Castor Oil
Polyoxyethylene (100) Castor Oil	PEG-100 Castor Oil
Polyoxyethylene (200) Castor Oil	PEG-200 Castor Oil
Polyoxyethylene (2) Cetyl Ether	Ceteth-2
Polyoxyethylene (4) Cetyl Ether	Ceteth-4
Polyoxyethylene (6) Cetyl Ether	Ceteth-6
Polyoxyethylene (10) Cetyl Ether	Ceteth-10
Polyoxyethylene (16) Cetyl Ether	Ceteth-16
Polyoxyethylene (20) Cetyl Ether	Ceteth-20
Polyoxyethylene (30) Cetyl Ether	Ceteth-30
Polyoxyethylene (3) Cetyl/Stearyl Ether	Cetareth-3
Polyoxyethylene (4) Cetyl/Stearyl Ether	Cetareth-4
Polyoxyethylene (5) Cetyl/Stearyl Ether	Cetareth-5
Polyoxyethylene (6) Cetyl/Stearyl Ether	Cetareth-6
Polyoxyethylene (8) Cetyl/Stearyl Ether	Cetareth-8
Polyoxyethylene (10) Cetyl/Stearyl Ether	Cetareth-10
Polyoxyethylene (12) Cetyl/Stearyl Ether	Cetareth-12
Polyoxyethylene (15) Cetyl/Stearyl Ether	Cetareth-15
Polyoxyethylene (17) Cetyl/Stearyl Ether	Cetareth-17
Polyoxyethylene (20) Cetyl/Stearyl Ether	Cetareth-20
Polyoxyethylene (27) Cetyl/Stearyl Ether	Cetareth-27
Polyoxyethylene (30) Cetyl/Stearyl Ether	Cetareth-30
Polyoxyethylene (10) Cholesteryl Ether	Choleth-10
Polyoxyethylene (24) Cholesteryl Ether	Choleth-24
Polyoxyethylene (3) Coconut Amide	PEG-3 Cocamide
Polyoxyethylene (6) Coconut Amide	PEG-6 Cocamide
Polyoxyethylene (2) Coconut Amine	PEG-2 Cocamine
Polyoxyethylene (5) Coconut Amine	PEG-5 Cocamine
Polyoxyethylene (10) Coconut Amine	PEG-10 Cocamine
Polyoxyethylene (15) Coconut Amine	PEG-15 Cocamine
Polyoxyethylene (8) Coconut Ether	Coceth-8
Polyoxyethylene (2) Cocoyl Quaternium-4	PEG-2 Cocoyl Quaternium-4

*Polyoxyethylene (15) Cocoyl Quaternium-4*

*Polyoxyethylene (5) Lanolin Ether*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (15) Cocoyl Quaternium-4	PEG-15 Cocoyl Quaternium-4
Polyoxyethylene 1500 Dilaurate	PEG-6-32 Dilaurate
Polyoxyethylene (4) Dilaurate	PEG-4 Dilaurate
Polyoxyethylene (6) Dilaurate	PEG-6 Dilaurate
Polyoxyethylene (8) Dilaurate	PEG-8 Dilaurate
Polyoxyethylene (12) Dilaurate	PEG-12 Dilaurate
Polyoxyethylene (20) Dilaurate	PEG-20 Dilaurate
Polyoxyethylene (32) Dilaurate	PEG-32 Dilaurate
Polyoxyethylene (75) Dilaurate	PEG-75 Dilaurate
Polyoxyethylene (150) Dilaurate	PEG-150 Dilaurate
Polyoxyethylene (5) Dinonyl Phenyl Ether	Nonyl Nonoxynol-5
Polyoxyethylene (9) Dinonyl Phenyl Ether Phosphate	Nonyl Nonoxynol-9 Phosphate
Polyoxyethylene (10) Dinonyl Phenyl Ether	Nonyl Nonoxynol-10
Polyoxyethylene (49) Dinonyl Phenyl Ether	Nonyl Nonoxynol-49
Polyoxyethylene (150) Dinonyl Phenyl Ether	Nonyl Nonoxynol-150
Polyoxyethylene 1500 Dioleate	PEG-6-32 Dioleate
Polyoxyethylene (4) Dioleate	PEG-4 Dioleate
Polyoxyethylene (6) Dioleate	PEG-6 Dioleate
Polyoxyethylene (8) Dioleate	PEG-8 Dioleate
Polyoxyethylene (10) Dioleate	PEG-10 Dioleate
Polyoxyethylene (12) Dioleate	PEG-12 Dioleate
Polyoxyethylene (20) Dioleate	PEG-20 Dioleate
Polyoxyethylene (32) Dioleate	PEG-32 Dioleate
Polyoxyethylene (75) Dioleate	PEG-75 Dioleate
Polyoxyethylene (150) Dioleate	PEG-150 Dioleate
Polyoxyethylene (2) Distearate	PEG-2 Distearate
Polyoxyethylene (3) Distearate	PEG-3 Distearate
Polyoxyethylene (4) Distearate	PEG-4 Distearate
Polyoxyethylene (6) Distearate	PEG-6 Distearate
Polyoxyethylene (8) Distearate	PEG-8 Distearate
Polyoxyethylene (12) Distearate	PEG-12 Distearate
Polyoxyethylene (20) Distearate	PEG-20 Distearate
Polyoxyethylene (32) Distearate	PEG-32 Distearate
Polyoxyethylene (75) Distearate	PEG-75 Distearate
Polyoxyethylene (150) Distearate	PEG-150 Distearate
Polyoxyethylene (175) Distearate	PEG-175 Distearate
Polyoxyethylene (8) Ditallate	PEG-8 Ditallate
Polyoxyethylene (12) Ditallate	PEG-12 Ditallate
Polyoxyethylene (8) Di-Tri-Ricinoleate	PEG-8 Ditriricinoleate
Polyoxyethylene (5) Dodecyl Phenyl Ether	Dodoxynol-5
Polyoxyethylene (6) Dodecyl Phenyl Ether	Dodoxynol-6
Polyoxyethylene (7) Dodecyl Phenyl Ether	Dodoxynol-7
Polyoxyethylene (9) Dodecyl Phenyl Ether	Dodoxynol-9
Polyoxyethylene (12) Dodecyl Phenyl Ether	Dodoxynol-12
Polyoxyethylene (26) Glyceryl Ether	Glycereth-26
Polyoxyethylene (7) Glyceryl Monococoate	PEG-7 Glyceryl Cocoate
Polyoxyethylene (20) Glyceryl Monolaurate	PEG-20 Glyceryl Laurate
Polyoxyethylene (30) Glyceryl Monolaurate	PEG-30 Glyceryl Laurate
Polyoxyethylene (20) Glyceryl Monooleate	PEG-20 Glyceryl Oleate
Polyoxyethylene (30) Glyceryl Monooleate	PEG-30 Glyceryl Oleate
Polyoxyethylene (15) Glyceryl Monoricinoleate	PEG-15 Glyceryl Ricinoleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (20) Glyceryl Monoricinoleate	PEG-20 Glyceryl Ricinoleate
Polyoxyethylene (5) Glyceryl Monostearate	PEG-5 Glyceryl Stearate
Polyoxyethylene (20) Glyceryl Monostearate	PEG-20 Glyceryl Stearate
Polyoxyethylene (30) Glyceryl Monostearate	PEG-30 Glyceryl Stearate
Polyoxyethylene (120) Glyceryl Monostearate	PEG-120 Glyceryl Stearate
Polyoxyethylene (5) Hydrogenated Castor Oil	PEG-5 Hydrogenated Castor Oil
Polyoxyethylene (16) Hydrogenated Castor Oil	PEG-16 Hydrogenated Castor Oil
Polyoxyethylene (25) Hydrogenated Castor Oil	PEG-25 Hydrogenated Castor Oil
Polyoxyethylene (30) Hydrogenated Castor Oil	PEG-30 Hydrogenated Castor Oil
Polyoxyethylene (40) Hydrogenated Castor Oil	PEG-40 Hydrogenated Castor Oil
Polyoxyethylene (60) Hydrogenated Castor Oil	PEG-60 Hydrogenated Castor Oil
Polyoxyethylene (100) Hydrogenated Castor Oil	PEG-100 Hydrogenated Castor Oil
Polyoxyethylene (200) Hydrogenated Castor Oil	PEG-200 Hydrogenated Castor Oil
Polyoxyethylene (5) Hydrogenated Corn Glycerides	PEG-5 Hydrogenated Corn Glycerides
Polyoxyethylene (5) Hydrogenated Lanolin	PEG-5 Hydrogenated Lanolin
Polyoxyethylene (10) Hydrogenated Lanolin	PEG-10 Hydrogenated Lanolin
Polyoxyethylene (20) Hydrogenated Lanolin	PEG-20 Hydrogenated Lanolin
Polyoxyethylene (24) Hydrogenated Lanolin	PEG-24 Hydrogenated Lanolin
Polyoxyethylene (30) Hydrogenated Lanolin	PEG-30 Hydrogenated Lanolin
Polyoxyethylene (5) Hydrogenated Lanolin Ether	Hydrogenated Laneth-5
Polyoxyethylene (20) Hydrogenated Lanolin Ether	Hydrogenated Laneth-20
Polyoxyethylene (25) Hydrogenated Lanolin Ether	Hydrogenated Laneth-25
Polyoxyethylene (5) Hydrogenated Tallow Amide	PEG-5 Tallow Amide
Polyoxyethylene (50) Hydrogenated Tallow Amide	PEG-50 Tallow Amide
Polyoxyethylene (5) Isodecyl Alcohol	Isodeceth-5
Polyoxyethylene (2) Isostearyl Ether	Isosteareth-2
Polyoxyethylene (3) Isostearyl Ether	Isosteareth-3
Polyoxyethylene (10) Isostearyl Ether	Isosteareth-10
Polyoxyethylene (20) Isostearyl Ether	Isosteareth-20
Polyoxyethylene (5) Lanolate	PEG-5 Lanolate
Polyoxyethylene (10) Lanolate	PEG-10 Lanolate
Polyoxyethylene (20) Lanolin	PEG-20 Lanolin
Polyoxyethylene (27) Lanolin	PEG-27 Lanolin
Polyoxyethylene (30) Lanolin	PEG-30 Lanolin
Polyoxyethylene (40) Lanolin	PEG-40 Lanolin
Polyoxyethylene (50) Lanolin	PEG-50 Lanolin
Polyoxyethylene (60) Lanolin	PEG-60 Lanolin
Polyoxyethylene (70) Lanolin	PEG-70 Lanolin
Polyoxyethylene (75) Lanolin	PEG-75 Lanolin
Polyoxyethylene (85) Lanolin	PEG-85 Lanolin
Polyoxyethylene (100) Lanolin	PEG-100 Lanolin
Polyoxyethylene (5) Lanolin Ether	Laneth-5

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

*Polyoxyethylene (9) Lanolin Ether, Acetylated*

*Polyoxyethylene (4) Monostearate*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (9) Lanolin Ether, Acetylated	Laneth-9 Acetate
Polyoxyethylene (10) Lanolin Ether	Laneth-10
Polyoxyethylene (10) Lanolin Ether, Acetylated	Laneth-10 Acetate
Polyoxyethylene (15) Lanolin Ether	Laneth-15
Polyoxyethylene (16) Lanolin Ether	Laneth-16
Polyoxyethylene (20) Lanolin Ether	Laneth-20
Polyoxyethylene (25) Lanolin Ether	Laneth-25
Polyoxyethylene (40) Lanolin Ether	Laneth-40
Polyoxyethylene (75) Lanolin Oil	PEG-75 Lanolin Oil
Polyoxyethylene (75) Lanolin Wax	PEG-75 Lanolin Wax
Polyoxyethylene (3) Lauryl Amide	PEG-3 Lauramide
Polyoxyethylene (6) Lauryl Amide	PEG-6 Lauramide
Polyoxyethylene (2) Lauryl Ether	Laureth-2
Polyoxyethylene (3) Lauryl Ether	Laureth-3
Polyoxyethylene (4) Lauryl Ether	Laureth-4
Polyoxyethylene (5) Lauryl Ether	Laureth-5
Polyoxyethylene (6) Lauryl Ether	Laureth-6
Polyoxyethylene (7) Lauryl Ether	Laureth-7
Polyoxyethylene (8) Lauryl Ether	Laureth-8
Polyoxyethylene (8) Lauryl Ether Phosphate	Laureth-8 Phosphate
Polyoxyethylene (9) Lauryl Ether	Laureth-9
Polyoxyethylene (10) Lauryl Ether	Laureth-10
Polyoxyethylene (11) Lauryl Ether	Laureth-11
Polyoxyethylene (12) Lauryl Ether	Laureth-12
Polyoxyethylene (13) Lauryl Ether	Laureth-13
Polyoxyethylene (15) Lauryl Ether	Laureth-15
Polyoxyethylene (20) Lauryl Ether	Laureth-20
Polyoxyethylene (23) Lauryl Ether	Laureth-23
Polyoxyethylene (25) Lauryl Ether	Laureth-25
Polyoxyethylene (30) Lauryl Ether	Laureth-30
Polyoxyethylene (40) Lauryl Ether	Laureth-40
Polyoxyethylene (6) Methyl Ether	PEG-6 Methyl Ether
Polyoxyethylene (5) Monococoate	PEG-5 Cocoate
Polyoxyethylene (8) Monococoate	PEG-8 Cocoate
Polyoxyethylene (15) Monococoate	PEG-15 Cocoate
Polyoxyethylene (6) Monoisopalmitate	PEG-6 Isopalmitate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (6) Monoisostearate	PEG-6 Isostearate
Polyoxyethylene (12) Monoisostearate	PEG-12 Isostearate
Polyoxyethylene (2) Mono-laurate	PEG-2 Laurate
Polyoxyethylene (2) Mono-laurate Self-Emulsifying	PEG-2 Laurate SE
Polyoxyethylene (4) Mono-laurate	PEG-4 Laurate
Polyoxyethylene (6) Mono-laurate	PEG-6 Laurate
Polyoxyethylene (8) Mono-laurate	PEG-8 Laurate
Polyoxyethylene (9) Mono-laurate	PEG-9 Laurate
Polyoxyethylene (12) Mono-laurate	PEG-12 Laurate
Polyoxyethylene (20) Mono-laurate	PEG-20 Laurate
Polyoxyethylene (32) Mono-laurate	PEG-32 Laurate
Polyoxyethylene (75) Mono-laurate	PEG-75 Laurate
Polyoxyethylene (150) Mono-laurate	PEG-150 Laurate
Polyoxyethylene (4) Mono-octanoate	PEG-4 Octanoate
Polyoxyethylene (2) Mono-oleate	PEG-2 Oleate
Polyoxyethylene (2) Mono-oleate Self-Emulsifying	PEG-2 Oleate SE
Polyoxyethylene (3) Mono-oleate	PEG-3 Oleate
Polyoxyethylene (4) Mono-oleate	PEG-4 Oleate
Polyoxyethylene (5) Mono-oleate	PEG-5 Oleate
Polyoxyethylene (6) Mono-oleate	PEG-6 Oleate
Polyoxyethylene (8) Mono-oleate	PEG-8 Oleate
Polyoxyethylene (9) Mono-oleate	PEG-9 Oleate
Polyoxyethylene (10) Mono-oleate	PEG-10 Oleate
Polyoxyethylene (12) Mono-oleate	PEG-12 Oleate
Polyoxyethylene (14) Mono-oleate	PEG-14 Oleate
Polyoxyethylene (20) Mono-oleate	PEG-20 Oleate
Polyoxyethylene (32) Mono-oleate	PEG-32 Oleate
Polyoxyethylene (75) Mono-oleate	PEG-75 Oleate
Polyoxyethylene (150) Mono-oleate	PEG-150 Oleate
Polyoxyethylene (6) Monopalmitate	PEG-6 Palmitate
Polyoxyethylene (18) Monopalmitate	PEG-18 Palmitate
Polyoxyethylene (2) Monoricinoleate	PEG-2 Ricinoleate
Polyoxyethylene 1500 Monostearate	PEG-6-32 Stearate
Polyoxyethylene (2) Monostearate	PEG-2 Stearate
Polyoxyethylene (2) Monostearate Self-Emulsifying	PEG-2 Stearate SE
Polyoxyethylene (4) Monostearate	PEG-4 Stearate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Polyoxyethylene (5) Monostearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (5) Mono-stearate	PEG-5 Stearate
Polyoxyethylene (6) Mono-stearate	PEG-6 Stearate
Polyoxyethylene (7) Mono-stearate	PEG-7 Stearate
Polyoxyethylene (8) Mono-stearate	PEG-8 Stearate
Polyoxyethylene (9) Mono-stearate	PEG-9 Stearate
Polyoxyethylene (10) Mono-stearate	PEG-10 Stearate
Polyoxyethylene (12) Mono-stearate	PEG-12 Stearate
Polyoxyethylene (18) Mono-stearate	PEG-18 Stearate
Polyoxyethylene (20) Mono-stearate	PEG-20 Stearate
Polyoxyethylene (30) Mono-stearate	PEG-30 Stearate
Polyoxyethylene (32) Mono-stearate	PEG-32 Stearate
Polyoxyethylene (35) Mono-stearate	PEG-35 Stearate
Polyoxyethylene (36) Mono-stearate	PEG-36 Stearate
Polyoxyethylene (40) Mono-stearate	PEG-40 Stearate
Polyoxyethylene (45) Mono-stearate	PEG-45 Stearate
Polyoxyethylene (50) Mono-stearate	PEG-50 Stearate
Polyoxyethylene (75) Mono-stearate	PEG-75 Stearate
Polyoxyethylene (90) Mono-stearate	PEG-90 Stearate
Polyoxyethylene (100) Mono-stearate	PEG-100 Stearate
Polyoxyethylene (120) Mono-stearate	PEG-120 Stearate
Polyoxyethylene (150) Mono-stearate	PEG-150 Stearate
Polyoxyethylene (4) Mono-tallate	PEG-4 Tallate
Polyoxyethylene (8) Mono-tallate	PEG-8 Tallate
Polyoxyethylene (12) Mono-tallate	PEG-12 Tallate
Polyoxyethylene (16) Mono-tallate	PEG-16 Tallate
Polyoxyethylene (20) Mono-tallate	PEG-20 Tallate
Polyoxyethylene (3) Myristyl Ether	Myreth-3
Polyoxyethylene (3) Myristyl Ether Caprate	Myreth-3 Caprate
Polyoxyethylene (3) Myristyl Ether Myristate	Myreth-3 Myristate
Polyoxyethylene (4) Myristyl Ether	Myreth-4
Polyoxyethylene (2) Nonyl Phenyl Ether	Nonoxynol-2
Polyoxyethylene (4) Nonyl Phenyl Ether	Nonoxynol-4
Polyoxyethylene (5) Nonyl Phenyl Ether	Nonoxynol-5
Polyoxyethylene (6) Nonyl Phenyl Ether	Nonoxynol-6
Polyoxyethylene (7) Nonyl Phenyl Ether	Nonoxynol-7
Polyoxyethylene (8) Nonyl Phenyl Ether	Nonoxynol-8

## Polyoxyethylene (20) Oleyl Ether Phosphate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (9) Nonyl Phenyl Ether	Nonoxynol-9
Polyoxyethylene (9) Nonyl Phenyl Ether Iodine Complex	Nonoxynol-9 Iodine
Polyoxyethylene (10) Nonyl Phenyl Ether	Nonoxynol-10
Polyoxyethylene (10) Nonyl Phenyl Ether Phosphate	Nonoxynol-10 Phosphate
Polyoxyethylene (11) Nonyl Phenyl Ether	Nonoxynol-11
Polyoxyethylene (12) Nonyl Phenyl Ether	Nonoxynol-12
Polyoxyethylene (13) Nonyl Phenyl Ether	Nonoxynol-13
Polyoxyethylene (14) Nonyl Phenyl Ether	Nonoxynol-14
Polyoxyethylene (15) Nonyl Phenyl Ether	Nonoxynol-15
Polyoxyethylene (18) Nonyl Phenyl Ether	Nonoxynol-18
Polyoxyethylene (20) Nonyl Phenyl Ether	Nonoxynol-20
Polyoxyethylene (23) Nonyl Phenyl Ether	Nonoxynol-23
Polyoxyethylene (30) Nonyl Phenyl Ether	Nonoxynol-30
Polyoxyethylene (40) Nonyl Phenyl Ether	Nonoxynol-40
Polyoxyethylene (50) Nonyl Phenyl Ether	Nonoxynol-50
Polyoxyethylene (100) Nonyl Phenyl Ether	Nonoxynol-100
Polyoxyethylene (3) Octyl Phenyl Ether	Octoxynol-3
Polyoxyethylene (5) Octyl Phenyl Ether	Octoxynol-5
Polyoxyethylene (9) Octyl Phenyl Ether	Octoxynol-9
Polyoxyethylene (13) Octyl Phenyl Ether	Octoxynol-13
Polyoxyethylene (40) Octyl Phenyl Ether	Octoxynol-40
Polyoxyethylene (5) Oleyl Amide	PEG-5 Oleamide
Polyoxyethylene (2) Oleyl Amine	PEG-2 Oleamine
Polyoxyethylene (5) Oleyl Amine	PEG-5 Oleamine
Polyoxyethylene (15) Oleyl Amine	PEG-15 Oleamine
Polyoxyethylene (2) Oleyl Ether	Oleth-2
Polyoxyethylene (3) Oleyl Ether	Oleth-3
Polyoxyethylene (3) Oleyl Ether Phosphate	Oleth-3 Phosphate
Polyoxyethylene (4) Oleyl Ether	Oleth-4
Polyoxyethylene (4) Oleyl Ether Phosphate	Oleth-4 Phosphate
Polyoxyethylene (5) Oleyl Ether	Oleth-5
Polyoxyethylene (10) Oleyl Ether	Oleth-10
Polyoxyethylene (10) Oleyl Ether Phosphate	Oleth-10 Phosphate
Polyoxyethylene (15) Oleyl Ether	Oleth-15
Polyoxyethylene (20) Oleyl Ether	Oleth-20
Polyoxyethylene (20) Oleyl Ether Phosphate	Oleth-20 Phosphate



*Polyoxyethylene (23) Oleyl Ether*

*Polyoxyethylene (10) Soya Sterol*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (23) Oleyl Ether	Oleth-23
Polyoxyethylene (25) Oleyl Ether	Oleth-25
Polyoxyethylene (50) Oleyl Ether	Oleth-50
Polyoxyethylene (2) Oleyl Quaternium-4	PEG-2 Oleyl Quaternium-4
Polyoxyethylene (15) Oleyl Quaternium-4	PEG-15 Oleyl Quaternium-4
Polyoxyethylene (2) Palmitamide	PEG-2 Palmitamide
Polyoxyethylene (20) Pentaerythritol Monolaurate	PEG-20 Pentaerythritol Laurate
Polyoxyethylene (30) Pentaerythritol Monooleate	PEG-30 Pentaerythritol Oleate
Polyoxyethylene (20) Polyoxypropylene (5) Cetyl Ether	PPG-5-Ceteth-20
Polyoxyethylene (10) Polyoxypropylene (5) Cetyl Ether Phosphate	PPG-5-Ceteth-10 Phosphate
Polyoxyethylene (12) Polyoxypropylene (4) Cetyl/ Stearyl Ether	PPG-4-Cetareth-12
Polyoxyethylene (20) Polyoxypropylene (10) Cetyl/ Stearyl Ether	PPG-10-Cetareth-20
Polyoxyethylene (12) Polyoxypropylene (66) Glyceryl Ether	PPG-66-Glycereth-12
Polyoxyethylene (24) Polyoxypropylene (24) Glyceryl Ether	PPG-24-Glycereth-24
Polyoxyethylene (9) Polyoxypropylene (3) Isostearyl Ether	PPG-3-Isostareth-9
Polyoxyethylene (50) Polyoxypropylene (12) Lanolin	PPG-12-PEG-50 Lanolin
Polyoxyethylene (50) Polyoxypropylene (12) Lanolin Ether	PPG-12-Laneth-50
Polyoxyethylene (60) Polyoxypropylene (40) Lanolin Oil	PPG-40-PEG-60 Lanolin Oil
Polyoxyethylene (3) Polyoxypropylene (2) Monobutyl Ether	PPG-2-Buteth-3
Polyoxyethylene (5) Polyoxypropylene (3) Monobutyl Ether	PPG-3-Buteth-5
Polyoxyethylene (7) Polyoxypropylene (5) Monobutyl Ether	PPG-5-Buteth-7
Polyoxyethylene (10) Polyoxypropylene (7) Monobutyl Ether	PPG-7-Buteth-10
Polyoxyethylene (12) Polyoxypropylene (9) Monobutyl Ether	PPG-9-Buteth-12
Polyoxyethylene (16) Polyoxypropylene (12) Monobutyl Ether	PPG-12-Buteth-16
Polyoxyethylene (20) Polyoxypropylene (15) Monobutyl Ether	PPG-15-Buteth-20
Polyoxyethylene (27) Polyoxypropylene (24) Monobutyl Ether	PPG-24-Buteth-27
Polyoxyethylene (30) Polyoxypropylene (20) Monobutyl Ether	PPG-20-Buteth-30
Polyoxyethylene (35) Polyoxypropylene (28) Monobutyl Ether	PPG-28-Buteth-35

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (45) Polyoxypropylene (33) Monobutyl Ether	PPG-33-Buteth-45
Polyoxyethylene (3) Polyoxypropylene (3) Myristyl Ether	PPG-3-Myreth-3
Polyoxyethylene (11) Polyoxypropylene (3) Myristyl Ether	PPG-3-Myreth-11
Polyoxyethylene (8) Propylene Glycol Cocoate	PEG-8 Propylene Glycol Cocoate
Polyoxyethylene (25) Propylene Glycol Monostearate	PEG-25 Propylene Glycol Stearate
Polyoxyethylene (120) Propylene Glycol Monostearate	PEG-120 Propylene Glycol Stearate
Polyoxyethylene (8) Sesquiolaurate	PEG-8 Sesquiolaurate
Polyoxyethylene (8) Sesquioleate	PEG-8 Sesquioleate
Polyoxyethylene (20) Sorbitan Monoisostearate	PEG-20 Sorbitan Isostearate
Polyoxyethylene (4) Sorbitan Monolaurate	Polysorbate 21
Polyoxyethylene (10) Sorbitan Monolaurate	PEG-10 Sorbitan Laurate
Polyoxyethylene (20) Sorbitan Monolaurate	Polysorbate 20
Polyoxyethylene (44) Sorbitan Monolaurate	PEG-44 Sorbitan Laurate
Polyoxyethylene (3) Sorbitan Monooleate	PEG-3 Sorbitan Monooleate
Polyoxyethylene (5) Sorbitan Monooleate	Polysorbate 81
Polyoxyethylene (20) Sorbitan Monooleate	Polysorbate 80
Polyoxyethylene (20) Sorbitan Monopalmitate	Polysorbate 40
Polyoxyethylene (4) Sorbitan Monostearate	Polysorbate 61
Polyoxyethylene (20) Sorbitan Monostearate	Polysorbate 60
Polyoxyethylene (40) Sorbitan Peroleate	PEG-40 Sorbitan Peroleate
Polyoxyethylene (40) Sorbitan Stearate	PEG-40 Sorbitan Stearate
Polyoxyethylene (20) Sorbitan Trioleate	Polysorbate 85
Polyoxyethylene (20) Sorbitan Tristearate	Polysorbate 65
Polyoxyethylene (6) Sorbitol Beeswax	PEG-6 Sorbitol Beeswax
Polyoxyethylene (8) Sorbitol Beeswax	PEG-8 Sorbitol Beeswax
Polyoxyethylene (20) Sorbitol Beeswax	PEG-20 Sorbitol Beeswax
Polyoxyethylene (20) Sorbitol Ether	Sorbeth-20
Polyoxyethylene (40) Sorbitol Lanolate	PEG-40 Sorbitol Lanolate
Polyoxyethylene (75) Sorbitol Lanolate	PEG-75 Sorbitol Lanolate
Polyoxyethylene (2) Soya Amine	PEG-2 Soyamine
Polyoxyethylene (5) Soya Amine	PEG-5 Soyamine
Polyoxyethylene (10) Soya Amine	PEG-10 Soyamine
Polyoxyethylene (15) Soya Amine	PEG-15 Soyamine
Polyoxyethylene (5) Soya Sterol	PEG-5 Soya Sterol
Polyoxyethylene (10) Soya Sterol	PEG-10 Soya Sterol

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Polyoxyethylene (16) Soya Sterol**

**Polyoxypropylene (9) Methyl Diethyl Ammonium Chloride**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (16) Soya Sterol	PEG-16 Soya Sterol
Polyoxyethylene (25) Soya Sterol	PEG-25 Soya Sterol
Polyoxyethylene (40) Soya Sterol	PEG-40 Soya Sterol
Polyoxyethylene (2) Stearyl Amine	PEG-2 Stearamine
Polyoxyethylene (5) Stearyl Amine	PEG-5 Stearamine
Polyoxyethylene (10) Stearyl Amine	PEG-10 Stearamine
Polyoxyethylene (15) Stearyl Amine	PEG-15 Stearamine
Polyoxyethylene (50) Stearyl Amine	PEG-50 Stearamine
Polyoxyethylene (2) Stearyl Ether	Steareth-2
Polyoxyethylene (4) Stearyl Ether	Steareth-4
Polyoxyethylene (7) Stearyl Ether	Steareth-7
Polyoxyethylene (10) Stearyl Ether	Steareth-10
Polyoxyethylene (20) Stearyl Ether	Steareth-20
Polyoxyethylene (30) Stearyl Ether	Steareth-30
Polyoxyethylene (2) Stearyl Quaternium-4	PEG-2 Stearyl Quaternium-4
Polyoxyethylene (15) Stearyl Quaternium-4	PEG-15 Stearyl Quaternium-4
Polyoxyethylene (8) Tallow Amide	PEG-8 Tallow Amide
Polyoxyethylene (2) Tallow Amine	PEG-2 Tallow Amine
Polyoxyethylene (5) Tallow Amine	PEG-5 Tallow Amine
Polyoxyethylene (8) Tallow Amine	PEG-8 Tallow Amine
Polyoxyethylene (15) Tallow Amine	PEG-15 Tallow Amine
Polyoxyethylene (20) Tallow Amine	PEG-20 Tallow Amine
Polyoxyethylene (40) Tallow Amine	PEG-40 Tallow Amine
Polyoxyethylene (50) Tallow Amine	PEG-50 Tallow Amine
Polyoxyethylene (3) Tallow Aminopropylamine	PEG-3 Tallow Aminopropylamine
Polyoxyethylene (10) Tallow Aminopropylamine	PEG-10 Tallow Aminopropylamine
Polyoxyethylene (15) Tallow Aminopropylamine	PEG-15 Tallow Aminopropylamine
Polyoxyethylene (6) Tallow Ether	Talloweth-6
Polyoxyethylene (15) Tallow Polyamine	PEG-15 Tallow Polyamine
*Polyoxyethylene (3) Tridecyl Ether	Trideceth-3
*Polyoxyethylene (6) Tridecyl Ether	Trideceth-6
*Polyoxyethylene (9) Tridecyl Ether	Trideceth-9
*Polyoxyethylene (10) Tridecyl Ether	Trideceth-10
Polyoxyethylene (11) Tridecyl Ether	Trideceth-11
*Polyoxyethylene (12) Tridecyl Ether	Trideceth-12
Polyoxyethylene (15) Tridecyl Ether	Trideceth-15

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxyethylene (66) Trihydroxystearin	PEG-66 Trihydroxystearin
Polyoxyethylene (200) Trihydroxystearin	PEG-200 Trihydroxystearin
Polyoxyethylene (15) Wool Wax Alcohol Ethers	Laneth-15
Polyoxyl 8 Stearate	PEG-8 Stearate
Polyoxyl 40 Stearate	PEG-40 Stearate
Polyoxypropylene (9)	PPG-9
Polyoxypropylene (12)	PPG-12
Polyoxypropylene (15)	PPG-15
Polyoxypropylene (17)	PPG-17
Polyoxypropylene (20)	PPG-20
Polyoxypropylene (26)	PPG-26
Polyoxypropylene (30)	PPG-30
Polyoxypropylene (5) Butyl Ether	PPG-5 Butyl Ether
Polyoxypropylene (9) Butyl Ether	PPG-9 Butyl Ether
Polyoxypropylene (14) Butyl Ether	PPG-14 Butyl Ether
Polyoxypropylene (15) Butyl Ether	PPG-15 Butyl Ether
Polyoxypropylene (16) Butyl Ether	PPG-16 Butyl Ether
Polyoxypropylene (18) Butyl Ether	PPG-18 Butyl Ether
Polyoxypropylene (22) Butyl Ether	PPG-22 Butyl Ether
Polyoxypropylene (24) Butyl Ether	PPG-24 Butyl Ether
Polyoxypropylene (33) Butyl Ether	PPG-33 Butyl Ether
Polyoxypropylene (40) Butyl Ether	PPG-40 Butyl Ether
Polyoxypropylene (53) Butyl Ether	PPG-53 Butyl Ether
Polyoxypropylene (10) Cetyl Ether	PPG-10 Cetyl Ether
Polyoxypropylene (10) Cetyl Ether Phosphate	PPG-10 Cetyl Ether Phosphate
Polyoxypropylene (28) Cetyl Ether	PPG-28 Cetyl Ether
Polyoxypropylene (30) Cetyl Ether	PPG-30 Cetyl Ether
Polyoxypropylene (50) Cetyl Ether	PPG-50 Cetyl Ether
Polyoxypropylene (2) Dibenzozate	PPG-2 Dibenzozate
Polyoxypropylene (10) Glyceryl Ether	PPG-10 Glyceryl Ether
Polyoxypropylene (27) Glyceryl Ether	PPG-27 Glyceryl Ether
Polyoxypropylene (55) Glyceryl Ether	PPG-55 Glyceryl Ether
Polyoxypropylene (30) Isocetyl Alcohol	PPG-30 Isocetyl Ether
Polyoxypropylene (2) Lanolin Ether	PPG-2 Lanolin Ether
Polyoxypropylene (5) Lanolin Ether	PPG-5 Lanolin Ether
Polyoxypropylene (10) Lanolin Ether	PPG-10 Lanolin Ether
Polyoxypropylene (20) Lanolin Ether	PPG-20 Lanolin Ether
Polyoxypropylene (30) Lanolin Ether	PPG-30 Lanolin Ether
Polyoxypropylene (5) Lanolin Wax	PPG-5 Lanolin Wax
Polyoxypropylene (9) Methyl Diethyl Ammonium Chloride	Quaternium-6

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Polyoxypropylene (25) Methyl Diethyl Ammonium Chloride**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxypropylene (25) Methyl Diethyl Ammonium Chloride	Quaternium-20
Polyoxypropylene (40) Methyl Diethyl Ammonium Chloride	Quaternium-21
Polyoxypropylene (2) Methyl Ether	PPG-2 Methyl Ether
Polyoxypropylene (3) Methyl Ether	PPG-3 Methyl Ether
Polyoxypropylene (10) Methyl Glucose Ether	PPG-10 Methyl Glucose Ether
Polyoxypropylene (20) Methyl Glucose Ether	PPG-20 Methyl Glucose Ether
Polyoxypropylene (9) Mono-laurate	PPG-9 Laurate
Polyoxypropylene (26) Mono-oleate	PPG-26 Oleate
Polyoxypropylene (36) Mono-oleate	PPG-36 Oleate
Polyoxypropylene (2) Mono-salicylate	PPG-2 Salicylate
Polyoxypropylene (3) Myristyl Ether	PPG-3 Myristyl Ether
Polyoxypropylene (4) Myristyl Ether	PPG-4 Myristyl Ether
Polyoxypropylene (10) Oleyl Ether	PPG-10 Oleyl Ether
Polyoxypropylene (20) Oleyl Ether	PPG-20 Oleyl Ether
Polyoxypropylene (23) Oleyl Ether	PPG-23 Oleyl Ether
Polyoxypropylene (30) Oleyl Ether	PPG-30 Oleyl Ether
Polyoxypropylene (37) Oleyl Ether	PPG-37 Oleyl Ether
Polyoxypropylene (50) Oleyl Ether	PPG-50 Oleyl Ether
Polyoxypropylene (5) Polyoxyethylene (10) Cetyl Ether Phosphate	PPG-5-Ceteth-10 Phosphate
Polyoxypropylene (5) Polyoxyethylene (20) Cetyl Ether	PPG-5-Ceteth-20
Polyoxypropylene (4) Polyoxyethylene (12) Cetyl/ Stearyl Ether	PPG-4-Cetareth-12
Polyoxypropylene (10) Polyoxyethylene (20) Cetyl/ Stearyl Ether	PPG-10-Cetareth-20
Polyoxypropylene (24) Polyoxyethylene (24) Glyceryl Ether	PPG-24-Glycereth-24
Polyoxypropylene (66) Polyoxyethylene (12) Glyceryl Ether	PPG-66-Glycereth-12
Polyoxypropylene (3) Polyoxyethylene (9) Iso-stearyl Ether	PPG-3-Isosteareth-9
Polyoxypropylene (12) Polyoxyethylene (50) Lanolin	PPG-12-PEG-50 Lanolin
Polyoxypropylene (12) Polyoxyethylene (50) Lanolin Ether	PPG-12-Laneth-50
Polyoxypropylene (40) Polyoxyethylene (60) Lanolin Oil	PPG-40-PEG-60 Lanolin Oil
Polyoxypropylene (2) Polyoxyethylene (3) Monobutyl Ether	PPG-2-Buteth-3
Polyoxypropylene (3) Polyoxyethylene (5) Monobutyl Ether	PPG-3-Buteth-5
Polyoxypropylene (5) Polyoxyethylene (7) Monobutyl Ether	PPG-5-Buteth-7
Polyoxypropylene (7) Polyoxyethylene (10) Monobutyl Ether	PPG-7-Buteth-10

**Polypropylene Glycol (10) Cetyl Ether Phosphate**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polyoxypropylene (9) Polyoxyethylene (12) Monobutyl Ether	PPG-9-Buteth-12
Polyoxypropylene (12) Polyoxyethylene (16) Monobutyl Ether	PPG-12-Buteth-16
Polyoxypropylene (15) Polyoxyethylene (20) Monobutyl Ether	PPG-15-Buteth-20
Polyoxypropylene (20) Polyoxyethylene (30) Monobutyl Ether	PPG-20-Buteth-30
Polyoxypropylene (24) Polyoxyethylene (27) Monobutyl Ether	PPG-24-Buteth-27
Polyoxypropylene (28) Polyoxyethylene (35) Monobutyl Ether	PPG-28-Buteth-35
Polyoxypropylene (33) Polyoxyethylene (45) Monobutyl Ether	PPG-33-Buteth-45
Polyoxypropylene (3) Polyoxyethylene (3) Myristyl Ether	PPG-3-Myreth-3
Polyoxypropylene (3) Polyoxyethylene (11) Myristyl Ether	PPG-3-Myreth-11
Polyoxypropylene (11) Stearyl Ether	PPG-11 Stearyl Ether
Polyoxypropylene (15) Stearyl Ether	PPG-15 Stearyl Ether
Polypeptide AAS (Stepan)	Animal Protein Derivative
Polypeptide AAS 20% (Stepan)	Animal Protein Derivative
Polypeptide AAS 25% (Stepan)	Animal Protein Derivative
Polypeptide LSN (Stepan)	Hydrolyzed Animal Protein
Polypeptide SF (Stepan)	Hydrolyzed Animal Protein
Polypeptide 37 (Stepan)	Hydrolyzed Animal Protein
Polypeptide 37S (Stepan)	Hydrolyzed Animal Protein
Polyphenylmethyl Siloxane	Phenyl Dimethicone
Polypropylene Glycol 400	PPG-9
Polypropylene Glycol 2000	PPG-26
Polypropylene Glycol 4000	PPG-30
Polypropylene Glycol (12)	PPG-12
Polypropylene Glycol (15)	PPG-15
Polypropylene Glycol (17)	PPG-17
Polypropylene Glycol (20)	PPG-20
Polypropylene Glycol (5) Butyl Ether	PPG-5 Butyl Ether
Polypropylene Glycol (9) Butyl Ether	PPG-9 Butyl Ether
Polypropylene Glycol (14) Butyl Ether	PPG-14 Butyl Ether
Polypropylene Glycol (15) Butyl Ether	PPG-15 Butyl Ether
Polypropylene Glycol (16) Butyl Ether	PPG-16 Butyl Ether
Polypropylene Glycol (18) Butyl Ether	PPG-18 Butyl Ether
Polypropylene Glycol (22) Butyl Ether	PPG-22 Butyl Ether
Polypropylene Glycol (24) Butyl Ether	PPG-24 Butyl Ether
Polypropylene Glycol (33) Butyl Ether	PPG-33 Butyl Ether
Polypropylene Glycol (40) Butyl Ether	PPG-40 Butyl Ether
Polypropylene Glycol (53) Butyl Ether	PPG-53 Butyl Ether
Polypropylene Glycol (10) Cetyl Ether	PPG-10 Cetyl Ether
Polypropylene Glycol (10) Cetyl Ether Phosphate	PPG-10 Cetyl Ether Phosphate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Polypropylene Glycol (28) Cetyl Ether**

**Potassium Undecylenoyl Hydrolyzed Animal Protein**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polypropylene Glycol (28) Cetyl Ether	PPG-28 Cetyl Ether
Polypropylene Glycol (30) Cetyl Ether	PPG-30 Cetyl Ether
Polypropylene Glycol (50) Cetyl Ether	PPG-50 Cetyl Ether
Polypropylene Glycol (2) Dibenzate	PPG-2 Dibenzate
Polypropylene Glycol (10) Glyceryl Ether	PPG-10 Glyceryl Ether
Polypropylene Glycol (27) Glyceryl Ether	PPG-27 Glyceryl Ether
Polypropylene Glycol (55) Glyceryl Ether	PPG-55 Glyceryl Ether
Polypropylene Glycol (30) Isocetyl Ether	PPG-30 Isocetyl Ether
Polypropylene Glycol (2) Lanolin Ether	PPG-2 Lanolin Ether
Polypropylene Glycol (5) Lanolin Ether	PPG-5 Lanolin Ether
Polypropylene Glycol (10) Lanolin Ether	PPG-10 Lanolin Ether
Polypropylene Glycol (20) Lanolin Ether	PPG-20 Lanolin Ether
Polypropylene Glycol (30) Lanolin Ether	PPG-30 Lanolin Ether
Polypropylene Glycol (5) Lanolin Wax	PPG-5 Lanolin Wax
Polypropylene Glycol (2) Methyl Ether	PPG-2 Methyl Ether
Polypropylene Glycol (3) Methyl Ether	PPG-3 Methyl Ether
Polypropylene Glycol (10) Methyl Glucose Ether	PPG-10 Methyl Glucose Ether
Polypropylene Glycol (20) Methyl Glucose Ether	PPG-20 Methyl Glucose Ether
Polypropylene Glycol 400 Monolaurate	PPG-9 Laurate
Polypropylene Glycol 2000 Monooleate	PPG-26 Oleate
Polypropylene Glycol (36) Monooleate	PPG-36 Oleate
Polypropylene Glycol (2) Monosalicylate	PPG-2 Salicylate
Polypropylene Glycol (3) Myristyl Ether	PPG-3 Myristyl Ether
Polypropylene Glycol (4) Myristyl Ether	PPG-4 Myristyl Ether
Polypropylene Glycol (10) Oleyl Ether	PPG-10 Oleyl Ether
Polypropylene Glycol (20) Oleyl Ether	PPG-20 Oleyl Ether
Polypropylene Glycol (23) Oleyl Ether	PPG-23 Oleyl Ether
Polypropylene Glycol (30) Oleyl Ether	PPG-30 Oleyl Ether
Polypropylene Glycol (37) Oleyl Ether	PPG-37 Oleyl Ether
Polypropylene Glycol (50) Oleyl Ether	PPG-50 Oleyl Ether
Polypropylene Glycol (11) Stearyl Ether	PPG-11 Stearyl Ether
Polypropylene Glycol (15) Stearyl Ether	PPG-15 Stearyl Ether
Polyquart H (Henkel)	PEG-15 Tallow Polyamine
Polysolve 6 (Knapp)	PEG-6 Isostearate
Polysorbate 20	Polysorbate 20
Polysorbate 21	Polysorbate 21
Polysorbate 40	Polysorbate 40
Polysorbate 60	Polysorbate 60
Polysorbate 61	Polysorbate 61

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Polysorbate 65	Polysorbate 65
Polysorbate 80	Polysorbate 80
Polysorbate 81	Polysorbate 81
Polysorbate 85	Polysorbate 85
Polystyrene	Polystyrene
Polysynlane (Polyester)	Hydrogenated Polyisobutene
Poly-Tergent J-400 (Olin)	Trideceth-12
Polytex 10 (Knapp)	Stearamide DIBA-Stearate
Polyvinyl Acetate	Polyvinyl Acetate
Polyvinyl Alcohol	Polyvinyl Alcohol
Polyvinyl Butyral	Polyvinyl Butyral
Polyvinyl Methyl Ether	Polyvinyl Methyl Ether
Polyvinylpyrrolidone	PVP
Polyvinylpyrrolidone-Iodine Complex	PVP-Iodine
*Poncau SX	FD & C Red No. 4
Potassium Acid Phthalate	Potassium Biphthalate
Potassium Alginate	Potassium Alginate
Potassium Alum	Potassium Alum
Potassium Aluminum Sulfate	Potassium Alum
Potassium Biphthalate	Potassium Biphthalate
Potassium Borate	Potassium Borate
Potassium Bromate	Potassium Bromate
Potassium Carbonate	Potassium Carbonate
Potassium Carrageenan	Potassium Carrageenan
Potassium Caseinate	Potassium Caseinate
Potassium Chlorate	Potassium Chlorate
Potassium Chloride	Potassium Chloride
Potassium Cocoate	Potassium Cocoate
*Potassium Coco-Hydrolyzed Animal Protein	Potassium Coco-Hydrolyzed Animal Protein
Potassium Corn Acid Soap	Potassium Cornate
Potassium Cornate	Potassium Cornate
Potassium Dichloroisocyanurate	Potassium Troclocosene
Potassium Dodecylbenzenesulfonate	Potassium Dodecylbenzenesulfonate
Potassium Glycol Sulfate	Potassium Glycol Sulfate
Potassium Hydroxide	Potassium Hydroxide
Potassium Iodide	Potassium Iodide
Potassium Lauryl Sulfate	Potassium Lauryl Sulfate
Potassium Mercaptoacetate	Potassium Thioglycolate
Potassium Metabisulfite	Potassium Metabisulfite
Potassium Octoxynol-12 Phosphate	Potassium Octoxynol-12 Phosphate
Potassium Oleate	Potassium Oleate
Potassium Persulfate	Potassium Persulfate
Potassium Phosphate, Dibasic	Dipotassium Phosphate
Potassium Phosphate, Monobasic	Potassium Phosphate
Potassium Pyrophosphate	Tetrapotassium Pyrophosphate
Potassium Pyrosulfite	Potassium Metabisulfite
Potassium Silicate	Potassium Silicate
Potassium Sodium Copper Chlorophyllin	Chlorophyllin-Copper Complex
Potassium Sodium Tartrate	Rochelle Salt
Potassium Sorbate	Potassium Sorbate
Potassium Stearate	Potassium Stearate
Potassium Sulfate	Potassium Sulfate
Potassium Sulfite	Potassium Sulfite
Potassium Tetraborate	Potassium Borate
Potassium Thioglycolate	Potassium Thioglycolate
Potassium Toluene Sulfonate	Potassium Toluene Sulfonate
Potassium Tripolyphosphate	Pentapotassium Triphosphate
Potassium Troclocosene	Potassium Troclocosene
Potassium Undecylenoyl Hydrolyzed Animal Protein	Potassium Undecylenoyl Hydrolyzed Animal Protein

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Potato Starch	Potato Starch	PPG-3-Myreth-11	PPG-3-Myreth-11
Povidone	PVP	PPG-3 Myristyl Ether	PPG-3 Myristyl Ether
Povidone Iodine	PVP-Iodine	PPG-4 Myristyl Ether	PPG-4 Myristyl Ether
Powdered Egg White (Anheuser-Busch)	Albumen	PPG-26 Oleate	PPG-26 Oleate
		PPG-36 Oleate	PPG-36 Oleate
Powdered Skim Milk	Nonfat Dry Milk	PPG-10 Oleyl Ether	PPG-10 Oleyl Ether
Powdertrol (Malmstrom)	Calcium Silicate (and) Lanolin Oil	PPG-20 Oleyl Ether	PPG-20 Oleyl Ether
PPG-9	PPG-9	PPG-23 Oleyl Ether	PPG-23 Oleyl Ether
PPG-12	PPG-12	PPG-30 Oleyl Ether	PPG-30 Oleyl Ether
		PPG-37 Oleyl Ether	PPG-37 Oleyl Ether
PPG-15	PPG-15	PPG-50 Oleyl Ether	PPG-50 Oleyl Ether
PPG-17	PPG-17	PPG-6-Pareth-28-11	PPG-6-Pareth-28-11
PPG-20	PPG-20	PPG-12-PEG-50 Lanolin	PPG-12-PEG-50 Lanolin
PPG-26	PPG-26	PPG-40-PEG-60 Lanolin	PPG-40-PEG-60 Lanolin
PPG-30	PPG-30	Oil	Oil
		PPG-2 Salicylate	PPG-2 Salicylate
PPG-2-Buteth-3	PPG-2-Buteth-3	PPG-11 Stearyl Ether	PPG-11 Stearyl Ether
PPG-3-Buteth-5	PPG-3-Buteth-5		
PPG-5-Buteth-7	PPG-5-Buteth-7	PPG-15 Stearyl Ether	PPG-15 Stearyl Ether
PPG-7-Buteth-10	PPG-7-Buteth-10	*Precipitated Calcium Carbonate	Calcium Carbonate
PPG-9-Buteth-12	PPG-9-Buteth-12	*Precipitated Chalk	Calcium Carbonate
		*Precipitated Silica	Hydrated Silica
PPG-12-Buteth-16	PPG-12-Buteth-16	Preservatol (Van Dyk)	Methylparaben (and) Propyl- paraben (and) Benzylparaben
PPG-15-Buteth-20	PPG-15-Buteth-20	Prime Cosmetic Lanolin (Lanaetex)	Lanolin
PPG-20-Buteth-30	PPG-20-Buteth-30	Primex BC (Procter & Gamble)	Hydrogenated Vegetable Oil
PPG-24-Buteth-27	PPG-24-Buteth-27	Primol 185 (Exxon)	Mineral Oil
PPG-28-Buteth-35	PPG-28-Buteth-35	Primol 205 (Exxon)	Mineral Oil
PPG-33-Buteth-45	PPG-33-Buteth-45		
PPG-5 Butyl Ether	PPG-5 Butyl Ether	Primol 325 (Exxon)	Mineral Oil
PPG-9 Butyl Ether	PPG-9 Butyl Ether	Primol 355 (Exxon)	Mineral Oil
PPG-14 Butyl Ether	PPG-14 Butyl Ether	Pristane	Pristane
PPG-15 Butyl Ether	PPG-15 Butyl Ether	Procetyl AWS (Croda)	PPG-5-Ceteth-20
		Procetyl 10 (Croda)	PPG-10 Cetyl Ether
PPG-16 Butyl Ether	PPG-16 Butyl Ether		
PPG-18 Butyl Ether	PPG-18 Butyl Ether	Procetyl 30 (Croda)	PPG-30 Cetyl Ether
PPG-22 Butyl Ether	PPG-22 Butyl Ether	Procetyl 50 (Croda)	PPG-50 Cetyl Ether
PPG-24 Butyl Ether	PPG-24 Butyl Ether	Prochem 12K (Protameen)	Hydrolyzed Animal Protein
PPG-33 Butyl Ether	PPG-33 Butyl Ether	Prochem 44 CG (Protameen)	Hydrolyzed Animal Protein
		Prochol 10 (Croda)	PPG-10 Lanolin Ether
PPG-40 Butyl Ether	PPG-40 Butyl Ether		
PPG-53 Butyl Ether	PPG-53 Butyl Ether	Prochol 30 (Croda)	PPG-30 Lanolin Ether
PPG-4 Cetareth-12	PPG-4-Cetareth-12	Procol CA-1 (Protameen)	Ceteth-1
PPG-10-Cetareth-20	PPG-10-Cetareth-20	Procol CA-10 (Protameen)	Ceteth-10
PPG-5-Ceteth-20	PPG-5-Ceteth-20	Procol CA-20 (Protameen)	Ceteth-20
		Procol CS-20 (Protameen)	Cetareth-20
PPG-5-Ceteth-10 Phosphate	PPG-5-Ceteth-10 Phosphate		
PPG-10 Cetyl Ether	PPG-10 Cetyl Ether	Procol LA-3 (Protameen)	Laureth-3
PPG-10 Cetyl Ether Phosphate	PPG-10 Cetyl Ether Phosphate	Procol LA-4 (Protameen)	Laureth-4
PPG-28 Cetyl Ether	PPG-28 Cetyl Ether	Procol LA-23 (Protameen)	Laureth-23
PPG-30 Cetyl Ether	PPG-30 Cetyl Ether	Procol LA-40 (Protameen)	Laureth-40
		Procol OA-2 (Protameen)	Oleth-2
PPG-50 Cetyl Ether	PPG-50 Cetyl Ether		
PPG-2 Dibenzoate	PPG-2 Dibenzoate	Procol OA-4 (Protameen)	Oleth-4
PPG-24-Glycereth-24	PPG-24-Glycereth-24	Procol OA-10 (Protameen)	Oleth-10
PPG-66-Glycereth-12	PPG-66-Glycereth-12	Procol OA-20 (Protameen)	Oleth-20
PPG-10 Glyceryl Ether	PPG-10 Glyceryl Ether	Procol SA-2 (Protameen)	Steareth-2
		Procol SA-4 (Protameen)	Steareth-4
PPG-27 Glyceryl Ether	PPG-27 Glyceryl Ether		
PPG-55 Glyceryl Ether	PPG-55 Glyceryl Ether	Procol SA-20 (Protameen)	Steareth-20
PPG-30 Isocetyl Ether	PPG-30 Isocetyl Ether	Procol TDA-3 (Protameen)	Trideceth-3
PPG-3-Isosteareth-9	PPG-3-Isosteareth-9	Procol TDA-6 (Protameen)	Trideceth-6
PPG-12-Laneth-50	PPG-12-Laneth-50	Procol TDA-12 (Protameen)	Trideceth-12
		Procol TDA-15 (Protameen)	Trideceth-15
PPG-2 Lanolin Ether	PPG-2 Lanolin Ether		
PPG-5 Lanolin Ether	PPG-5 Lanolin Ether	Prodipate (Robinson-Wagner)	Diisopropyl Adipate
PPG-10 Lanolin Ether	PPG-10 Lanolin Ether	Product DDN (DuPont)	Lauryl Betaine
PPG-20 Lanolin Ether	PPG-20 Lanolin Ether	Product DG19 (Clintwood)	PEG-2 Stearate
PPG-30 Lanolin Ether	PPG-30 Lanolin Ether	Product E-413 (American Cyanamid)	Sodium Monotallamido- MEA-Sulfosuccinate
PPG-5 Lanolin Wax	PPG-5 Lanolin Wax	Product HDN (DuPont)	Cetyl Betaine
		Product No. 75 (Procter & Gamble)	Sodium Lauryl Sulfate
PPG-9 Laurate	PPG-9 Laurate		
PPG-2 Methyl Ether	PPG-2 Methyl Ether		
PPG-3 Methyl Ether	PPG-3 Methyl Ether		
PPG-10 Methyl Glucose Ether	PPG-10 Methyl Glucose Ether		
PPG-20 Methyl Glucose Ether	PPG-20 Methyl Glucose Ether		
PPG-3-Myreth-3	PPG-3-Myreth-3		

**Product No. 154 (Procter & Gamble)**

**Protamate 400 DPS (Protameen)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Product No. 154 (Procter & Gamble)	TEA-Lauryl Sulfate
Product No. 161 (Procter & Gamble)	Sodium Lauryl Sulfate
Product ODN (DuPont)	Stearyl Betaine
Product UDN (DuPont)	Oleyl Betaine
Product WAT (Procter & Gamble)	TEA-Lauryl Sulfate
Product 2-M-19 (Clintwood)	Stearamide MEA
Product 332 (Intracolor)	PEG-8 Tallow Amine
Product 6980 (Henkel)	Oleyl Betaine
Progallin P (Nipa)	Propyl Gallate
Prolaurin (Robinson-Wagner)	Isopropyl Laurate
Promosoy (Central Soya)	Soy Protein
*Promulgen D (Robinson-Wagner)	Cetearyl Alcohol (and) Cetareth-20
*Promulgen G (Robinson-Wagner)	Stearyl Alcohol (and) Cetareth-20
Promyr (Robinson-Wagner)	Isopropyl Myristate
Propal (Robinson-Wagner)	Isopropyl Palmitate
Propane	Propane
1,2-Propanediol	Propylene Glycol
1-Propanol	Propyl Alcohol
2-Propanol	Isopropyl Alcohol
2-Propanone	Acetone
*Propellant 11	Chlorofluorocarbon 11
*Propellant 11S	Chlorofluorocarbon 11S
*Propellant 12	Chlorofluorocarbon 12
Propellant 22	Hydrochlorofluorocarbon 22
*Propellant 114	Chlorofluorocarbon 114
*Propellant 142B	Hydrochlorofluorocarbon 142B
*Propellant 152A	Hydrofluorocarbon 152A
Propoxyol 5 (Malmstrom)	PPG-5 Lanolin Wax
n-Propyl Acetate	Propyl Acetate
n-Propyl Alcohol	Propyl Alcohol
Propyl Aseptofom (Greeff)	Propylparaben
*Propyl Carbinol	n-Butyl Alcohol
Propylene Carbonate	Propylene Carbonate
Propylene Glycol	Propylene Glycol
Propylene Glycol Alginate	Propylene Glycol Alginate
Propylene Glycol Dicaprylate	Propylene Glycol Dicaprylate
Propylene Glycol Dicaprylate/Dicaprate	Propylene Glycol Dicaprylate/Dicaprate
Propylene Glycol Dicocoate	Propylene Glycol Dicocoate
*Propylene Glycol Dicoconate	Propylene Glycol Dicoconate
*Propylene Glycol Diester Coconut Acids	Propylene Glycol Dicocoate
Propylene Glycol Diisononanoate	Propylene Glycol Diisononanoate
Propylene Glycol Dilaurate	Propylene Glycol Dilaurate
Propylene Glycol Dipelargonate	Propylene Glycol Dipelargonate
Propylene Glycol Hydroxystearate	Propylene Glycol Hydroxystearate
Propylene Glycol Isostearate	Propylene Glycol Isostearate
Propylene Glycol Laurate	Propylene Glycol Laurate
Propylene Glycol Monoisobutyl Ether	Isobutoxypropanol
Propylene Glycol Monoisostearate	Propylene Glycol Isostearate
Propylene Glycol Monolaurate	Propylene Glycol Laurate
Propylene Glycol Monomethyl Ether	Methoxypropanol
Propylene Glycol Monomyristate	Propylene Glycol Myristate
Propylene Glycol Monoricinoleate	Propylene Glycol Ricinoleate
Propylene Glycol Mono-stearate	Propylene Glycol Stearate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Propylene Glycol Myristate	Propylene Glycol Myristate
Propylene Glycol P-2000 (Dow)	PPG-26
Propylene Glycol Ricinoleate	Propylene Glycol Ricinoleate
Propylene Glycol Soyate	Propylene Glycol Soyate
Propylene Glycol Stearate	Propylene Glycol Stearate
Propylene Glycol Stearate SE	Propylene Glycol Stearate SE
1,2-Propylene Oxide	Propylene Oxide
Propylene Phenoxetol (Nipa)	Phenoxyisopropanol
Propyl Gallate	Propyl Gallate
Propyl p-Hydroxybenzoate	Propylparaben
Propylparaben	Propylparaben
Propyl Parahydroxybenzoate	Propylparaben
Propyl Parasept (Tenneco)	Propylparaben
Prosebate (Robinson-Wagner)	Diisopropyl Sebacate
Protaben B (Protameen)	Butylparaben
Protaben E (Protameen)	Ethylparaben
Protaben M (Protameen)	Methylparaben
Protaben P (Protameen)	Propylparaben
Protachem Antifoam BM (Protameen)	Dimethicone
Protachem CA-9 (Protameen)	PEG-9 Castor Oil
Protachem CA-25 (Protameen)	PEG-25 Castor Oil
Protachem CA-30 (Protameen)	PEG-30 Castor Oil
Protachem CA-40 (Protameen)	PEG-40 Castor Oil
Protachem CA-100 (Protameen)	PEG-100 Castor Oil
Protachem CA-200 (Protameen)	PEG-200 Castor Oil
Protachem CAH-25 (Protameen)	PEG-25 Hydrogenated Castor Oil
Protachem CAH-40 (Protameen)	PEG-40 Hydrogenated Castor Oil
Protachem CAH-100 (Protameen)	PEG-100 Hydrogenated Castor Oil
Protachem CAH-200 (Protameen)	PEG-200 Hydrogenated Castor Oil
Protachem CB 45 (Protameen)	Coco-Betaine
Protachem EGMS (Protameen)	Glycol Stearate
Protachem GMS (Protameen)	Glyceryl Stearate
Protachem LP-40 (Protameen)	Potassium Cocoate
Protachem MLD (Protameen)	Glyceryl Laurate
Protachem SML (Protameen)	Sorbitan Laurate
Protachem SMO (Protameen)	Sorbitan Oleate
Protachem SMP (Protameen)	Sorbitan Palmitate
Protachem SMS (Protameen)	Sorbitan Stearate
Protachem SOC (Protameen)	Sorbitan Sesquioleate
Protachem STO (Protameen)	Sorbitan Trioleate
Protachem STS (Protameen)	Sorbitan Tristearate
Protachem 100 (Protameen)	Polyglyceryl-4 Oleate
Protachem 630 (Protameen)	Nonoxynol-9
Protalan M-16 (Protameen)	Mineral Oil (and) Lanolin Alcohol
Protalan M-26 (Protameen)	Mineral Oil (and) Lanolin Alcohol
Protamate 200 DPS (Protameen)	PEG-4 Stearate
Protamate 200 ML (Protameen)	PEG-4 Laurate
Protamate 200 OC (Protameen)	PEG-4 Oleate
Protamate 200 T (Protameen)	PEG-4 Tallate
Protamate 300 DPS (Protameen)	PEG-6 Stearate
Protamate 300 OC (Protameen)	PEG-6 Oleate
Protamate 400 DO (Protameen)	PEG-8 Dioleate
Protamate 400 DPS (Protameen)	PEG-8 Stearate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

**Protamate 400 DS (Protameen)**

**Pur Oxy Brown 3593 (Thomasset)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Protamate 400 DS (Protameen)	PEG-8 Distearate
Protamate 400 ML (Protameen)	PEG-8 Laurate
Protamate 400 OC (Protameen)	PEG-8 Oleate
Protamate 400 T (Protameen)	PEG-8 Tallate
Protamate 600 DPS (Protameen)	PEG-12 Stearate
Protamate 600 DS (Protameen)	PEG-12 Distearate
Protamate 600 OC (Protameen)	PEG-10 Oleate
Protamate 600 T (Protameen)	PEG-12 Tallate
Protamate 1000 DPS (Protameen)	PEG-20 Stearate
Protamate 1000 OC (Protameen)	PEG-20 Oleate
Protamate 1000 T (Protameen)	PEG-20 Tallate
Protamate 1500 DPS (Protameen)	PEG-6-32 Stearate
Protamate 1540 DPS (Protameen)	PEG-32 Stearate
Protamate 2000 DPS (Protameen)	PEG-40 Stearate
Protamate 4000 DPS (Protameen)	PEG-45 Stearate
Protamate 6000 DS (Protameen)	PEG-150 Distearate
Protamide CA (Protameen)	Ricinoleamide DEA
Protamide CKD (Protameen)	Cocamide DEA
Protamide DCA (Protameen)	Cocamide DEA
Protamide DCAW (Protameen)	Cocamide DEA
Protamide HCA (Protameen)	Cocamide DEA
Protamide L-5-560 (Protameen)	Lauramide DEA
Protamide L-80 M (Protameen)	Lauramide DEA
Protamide L90 (Protameen)	Lauramide DEA
Protamide L90A (Protameen)	Lauramide DEA
Protamide LM 73 (Protameen)	Lauramide DEA
Protamide LM 5560 (Protameen)	Lauramide DEA
Protamide LNO (Protameen)	Linoleamide DEA
Protamide MRCA (Protameen)	Myristamide DEA
Protamide N-1918 (Protameen)	Stearamide DEA
Protamide OFO (Protameen)	Oleamide DEA
Protamide SA (Protameen)	Stearamide DEA
Protamide T (Protameen)	Oleamide DEA
Protamine/Nucleic Acid Complex	Protamine/Nucleic Acid Complex
Protaphos P-610 (Protameen)	Nonoxynol-10 Phosphate
Protaphos SDA (Protameen)	Laureth-8 Phosphate
Protaphos 400-A (Protameen)	Oleth-4 Phosphate
Protapon 33 (Protameen)	Sodium Methyl Oleoyl Taurate
Protapon 42 (Protameen)	Sodium Methyl Cocoyl Taurate
Protasorb L-5 (Protameen)	Polysorbate 21
Protasorb L-20 (Protameen)	Polysorbate 20
Protasorb O-5 (Protameen)	Polysorbate 81
Protasorb O-20 (Protameen)	Polysorbate 80
Protasorb P-20 (Protameen)	Polysorbate 40
Protasorb S-20 (Protameen)	Polysorbate 60
Protasorb TO-20 (Protameen)	Polysorbate 85
*Protavit E Acetate (Protameen)	Tocopheryl Acetate
Proteclan SK-88 (Croda)	PEG-20 Hydrogenated Lanolin (and) Cocamide DEA (and) Steareth-20 (and) Oleth-20 (and) Egg Oil
Protegin X (Inolex)	Petrolatum (and) Lanolin (and) Ozokerite
Protein Hydrolysate from Collagen	Hydrolyzed Animal Protein
Protein WSP-X-250 (Inolex)	Hydrolyzed Animal Protein
Protein WSP-X-1000 (Inolex)	Hydrolyzed Animal Protein

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Protol White Mineral Oil (Witco)	Mineral Oil
Protolate WS (Malmstrom)	PEG-75 Lanolin Oil (and) Hydrolyzed Animal Protein Petrolatum
Protopet, Alba (Witco)	Petrolatum
Protopet, White 1S (Witco)	Petrolatum
Protopet, White 2L (Witco)	Petrolatum
Protopet, White 3C (Witco)	Petrolatum
Protopet, Yellow 1E (Witco)	Petrolatum
Protopet, Yellow 2A (Witco)	Petrolatum
Protovanol	Vanilla
Protox C-2 (Protameen)	PEG-2 Cocamine
Protox C-5 (Protameen)	PEG-5 Cocamine
Protox C-10 (Protameen)	PEG-10 Cocamine
Protox C-15 (Protameen)	PEG-15 Cocamine
Protox HTA-2 (Protameen)	PEG-2 Stearamine
Protox HTA-15 (Protameen)	PEG-15 Stearamine
Protox HTA-50 (Protameen)	PEG-50 Stearamine
Protox O-2 (Protameen)	PEG-2 Oleamine
Protox O-5 (Protameen)	PEG-5 Oleamine
Protox O-15 (Protameen)	PEG-15 Oleamine
Protox S-2 (Protameen)	PEG-2 Soyamine
Protox S-5 (Protameen)	PEG-5 Soyamine
Protox S-10 (Protameen)	PEG-10 Soyamine
Protox S-15 (Protameen)	PEG-15 Soyamine
Protox T-2 (Protameen)	PEG-2 Tallow Amine
Protox T-5 (Protameen)	PEG-5 Tallow Amine
Protox T-15 (Protameen)	PEG-15 Tallow Amine
Protox T-40 (Protameen)	PEG-40 Tallow Amine
Protox T-50 (Protameen)	PEG-50 Tallow Amine
Pro Vim (General Mills)	Wheat Gluten
Provol 10 (Croda)	PPG-10 Oleyl Ether
Provol 30 (Croda)	PPG-30 Oleyl Ether
Provol 50 (Croda)	PPG-50 Oleyl Ether
Prussian Blue	Ferric Ferrocyanide
Puffed Borax	Sodium Borate
Pulvi-Lan 50 (Lanaetex)	Lanolin (and) Magnesium Carbonate
Pumice	Pumice
Pumice 8849 1/2	Pumice
Punctilious Alcohol (US Industrial Chemicals)	Alcohol
*Pur-cellin Oil (Dragoco)	Cetearyl Octanoate
*Pur-cellin Solid (Dragoco)	Stearyl Heptanoate
Pur-cellin Wax (Dragoco)	Stearyl Heptanoate
Pureco 76 (Capital City)	Coconut Oil
Pur Manganese Violet 3512 (Thomasset)	Manganese Violet
Pur Oxy Black 3068 (Thomasset)	Iron Oxides
Pur Oxy Black 3190 (Thomasset)	Iron Oxides
Pur Oxy Blue 3591 (Thomasset)	Ferric Ferrocyanide
Pur Oxy Brown 3060 (Thomasset)	Iron Oxides
Pur Oxy Brown 3171 (Thomasset)	Iron Oxides
Pur Oxy Brown 3176 (Thomasset)	Iron Oxides
Pur Oxy Brown 3180 (Thomasset)	Iron Oxides
Pur Oxy Brown 3183 (Thomasset)	Iron Oxides
Pur Oxy Brown 3187 (Thomasset)	Iron Oxides
Pur Oxy Brown 3593 (Thomasset)	Iron Oxides

Pur Oxy Brown 3599 (Thomasset)

QUSO G30 (Philadelphia Quartz)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Pur Oxy Brown 3599 (Thomasset)	Iron Oxides
Pur Oxy Orange Hi-Trans 3554 (Thomasset)	Iron Oxides
Pur Oxy Orange 3181 (Thomasset)	Iron Oxides
Pur Oxy Red Extender 3580 (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
Pur Oxy Red Hi-Trans 3553 (Thomasset)	Iron Oxides
Pur Oxy Red 2040 (Thomasset)	Iron Oxides
Pur Oxy Red 3080 (Thomasset)	Iron Oxides
Pur Oxy Red 3511 (Thomasset)	Iron Oxides
Pur Oxy Red 3551 (Thomasset)	Iron Oxides
Pur Oxy Rust 3184 (Thomasset)	Iron Oxides
Pur Oxy Sienna 3179 (Thomasset)	Iron Oxides
Pur Oxy Umber 3315 (Thomasset)	Iron Oxides
Pur Oxy Umber 3320 (Thomasset)	Iron Oxides
Pur Oxy Yellow Hi-Trans 3173 (Thomasset)	Iron Oxides
Pur Oxy Yellow 3170 (Thomasset)	Iron Oxides
Pur Oxy Yellow 3172 (Thomasset)	Iron Oxides
Pur Oxy Yellow 3178 (Thomasset)	Iron Oxides
Purtaic USP (Chrystal)	Talc
PVM/MA Copolymer	PVM/MA Copolymer
PVP	PVP
PVP/Ethyl Methacrylate/ Methacrylic Acid Polymer	PVP/Ethyl Methacrylate/ Methacrylic Acid Polymer
PVP-Iodine	PVP-Iodine
PVP K-30 (GAF)	PVP
PVP K-60 (GAF)	PVP
PVP K-90 (GAF)	PVP
PVP/VA Copolymer	PVP/VA Copolymer
PVP/VA E-335 (GAF)	PVP/VA Copolymer
PVP/VA E-535 (GAF)	PVP/VA Copolymer
PVP/VA E-635 (GAF)	PVP/VA Copolymer
PVP/VA E-735 (GAF)	PVP/VA Copolymer
PVP/VA S-630 (GAF)	PVP/VA Copolymer
Pyrazol Fast Red 8BL (Sandoz)	Direct Red 81
Pyridine	Pyridine
Pyridoxine	Pyridoxine
Pyridoxine Dioctenoate	Pyridoxine Dioctenoate
Pyridoxine Dipalmitate	Pyridoxine Dipalmitate
Pyridoxine HCl	Pyridoxine HCl
Pyridoxine Hydrochloride	Pyridoxine HCl
Pyridoxine Tripalmitate	Pyridoxine Tripalmitate
Pyrocatechin	Pyrocatechol
Pyrocatechol	Pyrocatechol
Pyrogallic Acid	Pyrogallol
Pyrogallol	Pyrogallol
L-Pyroglutamic Acid	PCA
Pyroligneous Acid	Pyroligneous Acid
Pyrophyllite	Aluminum Silicate
Pyro Stannous Phosphate	Stannous Pyrophosphate
2-Pyrrolidone-5-Carboxylic Acid	PCA
— Q —	
Quadrol (BASF-Wyandotte)	Tetrahydroxypropyl Ethylenediamine
Quassin	Quassin
Quaternium-2	Quaternium-2

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Quaternium-3	Quaternium-3
Quaternium-4	Quaternium-4
Quaternium-5	Quaternium-5
Quaternium-6	Quaternium-6
Quaternium-7	Quaternium-7
Quaternium-8	Quaternium-8
Quaternium-9	Quaternium-9
Quaternium-12	Quaternium-12
Quaternium-14	Quaternium-14
Quaternium-15	Quaternium-15
Quaternium-16	Quaternium-16
Quaternium-17	Quaternium-17
Quaternium-18	Quaternium-18
Quaternium-18 Bentonite	Quaternium-18 Bentonite
Quaternium-18 Hectorite	Quaternium-18 Hectorite
Quaternium-19	Quaternium-19
Quaternium-20	Quaternium-20
Quaternium-21	Quaternium-21
Quaternium-22	Quaternium-22
Quaternium-23	Quaternium-23
Quaternium-24	Quaternium-24
Quaternium-25	Quaternium-25
Quaternium-26	Quaternium-26
Quaternium-27	Quaternium-27
Quaternium-28	Quaternium-28
Quaternium-29	Quaternium-29
Quaternium-30	Quaternium-30
Quaternium-31	Quaternium-31
Quaternium-32	Quaternium-32
Quaternium-34	Quaternium-34
Quaternium-35	Quaternium-35
Quaternium-36	Quaternium-36
Quaternium-37	Quaternium-37
Quaternium-38	Quaternium-38
Quaternium-39	Quaternium-39
Quaternium-40	Quaternium-40
Quaternium-41	Quaternium-41
Quaternium-42	Quaternium-42
Quaternium-43	Quaternium-43
Quaternium-44	Quaternium-44
Quaternium-45	Quaternium-45
Quaternium-46	Quaternium-46
Quaternium-47	Quaternium-47
Quaternium-48	Quaternium-48
Quaternium-49	Quaternium-49
Quaternium-51	Quaternium-51
Quaternium-52	Quaternium-52
Quaternium-54	Quaternium-54
Queen Bee Jelly	Royal Jelly
Questex 4H (Stauffer)	EDTA
Questex 4SW (Stauffer)	Tetrasodium EDTA
Quillaja	Quillaja
Quillaja Bark	Quillaja
Quince Seed	Quince Seed
*Quinoline Yellow	D & C Yellow No. 10 (or) Acid Yellow 3■
*Quinoline Yellow WS	D & C Yellow No. 10 (or) Acid Yellow 3■
*8-Quinololol Benzoate (Ester)	Benzoquinone
*8-Quinololol Benzoate (Salt)	Oxyquinoline Benzoate
8-Quinololol Monobenzoate (Salt)	Oxyquinoline Benzoate
*2-(2-Quinolyl)-1,3-Indandione	D & C Yellow No. 11 (or) Solvent Yellow 33■
*QUSO G30 (Philadelphia Quartz)	Hydrated Silica



**QUSO G32 (Philadelphia Quartz)**

**Rewopon AM-CA (Rewo)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
QUSO G32 (Philadelphia Quartz)	Hydrated Silica
QUSO WR50 (Philadelphia Quartz)	Hydrated Silica
QUSO WR82 (Philadelphia Quartz)	Hydrated Silica
<b>— R —</b>	
R-122A (Patterson)	Sodium Capryl Lactylate
R-138C (Patterson)	Sodium Lauroyl Lactylate
R-2740 (Patterson)	Sodium Stearoyl Lactylate
Racemic Menthol	Menthol
Ramate G-308 (Nippon Fine Chemicals)	Glyceryl Trioctanoate
Ramate PE-408 (Nippon Fine Chemicals)	Pentaerythritol Tetraoctanoate
Ramate TM-308 (Nippon Fine Chemicals)	Trimethylolpropane Trioctanoate
Ramate TM-318 (Nippon Fine Chemicals)	Trimethylolpropane Triisostearate
Rangoon Maroon C24-012 (Sun)	D & C Red No. 34 Calcium Lake
Rapeseed Oil	Rapeseed Oil
Rapidase 2M (Wallerstein)	Amylase
Raspberry Juice	Raspberry Juice
Rayon	Rayon
Rayon Flock	Rayon
Red Iron Oxide A-6205 (Kohnstamm)	Iron Oxides
Red Mercuric Oxide	Mercuric Oxide
*Red No. 2 (Japan)	FD & C Red No. 2 (or) Acid Red 27 ■
*Red No. 3 (Japan)	FD & C Red No. 3 (or) Acid Red 51 ■
*Red No. 201 (Japan)	D & C Red No. 6 (or) Pigment Red 57 ■
*Red No. 202 (Japan)	D & C Red No. 7 (or) Pigment Red 57:1 ■
*Red No. 203 (Japan)	D & C Red No. 8 (or) Pigment Red 53 ■
*Red No. 204 (Japan)	D & C Red No. 9 (or) Pigment Red 53:1 ■
*Red No. 205 (Japan)	D & C Red No. 10 (or) Pigment Red 49 ■
*Red No. 206 (Japan)	D & C Red No. 11 (or) Pigment Red 49:2 ■
*Red No. 207 (Japan)	D & C Red No. 12 (or) Pigment Red 49:1 ■
*Red No. 208 (Japan)	D & C Red No. 13 (or) Pigment Red 49:3 ■
*Red No. 213 (Japan)	D & C Red No. 19 (or) Basic Violet 10 ■
*Red No. 215 (Japan)	D & C Red No. 37 (or) Solvent Red 49:1 ■
*Red No. 219 (Japan)	D & C Red No. 31 (or) Pigment Red 64:1 ■
*Red No. 220 (Japan)	D & C Red No. 34 (or) Pigment Red 63:1 ■
*Red No. 223 (Japan)	D & C Red No. 21 (or) Solvent Red 43 ■
*Red No. 225 (Japan)	D & C Red No. 17 (or) Solvent Red 23 ■
*Red No. 226 (Japan)	D & C Red No. 30 (or) Vat Red 1 ■
*Red No. 227 (Japan)	D & C Red No. 33 (or) Acid Red 33 ■
*Red No. 228 (Japan)	D & C Red No. 36 (or) Pigment Red 4 ■
*Red No. 230(1) (Japan)	D & C Red No. 22 (or) Acid Red 87 ■
*Red No. 502 (Japan)	HC Red No. 6

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Red No. 504 (Japan)	FD & C Red No. 4
*Red No. 506 (Japan)	Acid Red 88
Red Pepper	Capsicum
Regal Red 3003 (Thomasset)	D & C Red No. 3 Aluminum Lake
*Rehydrol (Reheis)	Aluminum Chlorohydrate
Renex 20 (ICI United States)	PEG-16 Tallate
Renex 697 (ICI United States)	Nonoxynol-6
Resin Copal	Copal
Resin Tolu	Balsam Tolu
*Resorcin Brown	D & C Brown No. 1 (or) Acid Orange 24 ■
Resorcinol	Resorcinol
Resorcinol Acetate	Resorcinol Acetate
Resorcinol Monoacetate	Resorcinol Acetate
Restharrow Extract	Restharrow Extract
Resyn 26-1314 (National Starch)	Vinyl Acetate/Crotonic Acid Copolymer
Resyn 26-2905 (National Starch)	Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer
Resyn 28-1310 (National Starch)	Vinyl Acetate/Crotonic Acid Copolymer
Resyn 28-2930 (National Starch)	Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer
Resyn 28-3307 (National Starch)	Vinyl Acetate/Crotonic Acid/Methacryloxybenzophenone-1 Polymer
Resyn 2261 (National Starch)	Ammonium Vinyl Acetate/Acrylates Copolymer
Reten 205M (Hercules)	Quaternium-39
Reten 210 (Hercules)	Quaternium-39
Reten 220 (Hercules)	Quaternium-39
Reten 420 (Hercules)	Polyacrylamide
Reten 421 (Hercules)	Acrylamide/Sodium Acrylate Copolymer
Reten 423 (Hercules)	Acrylamide/Sodium Acrylate Copolymer
Reten 425 (Hercules)	Acrylamide/Sodium Acrylate Copolymer
Retinol	Retinol
*Retinyl Palmitate	Retinyl Palmitate
Rewocid DU 185 (Rewo)	Undecylenamide DEA
Rewocid SBU 185 (Rewo)	Disodium Monoundecylenamido MEA-Sulfosuccinate
Rewocid U 185 (Rewo)	Undecylenamide MEA
Rewoderm S-1333 (Rewo)	Disodium Monoricinoleamido MEA-Sulfosuccinate
Rewolan 5 (Rewo)	Disodium Monolaneth-5 Sulfosuccinate
Rewomid DC 212/S (Rewo)	Cocamide DEA
Rewomid DL 203/S (Rewo)	Lauramide DEA
Rewomid DL 240 (Rewo)	Cocamide DEA
Rewomid DLMS (Rewo)	Lauramide DEA
Rewomid DLMS Special (Rewo)	Lauramide DEA
Rewomid IPP 240 (Rewo)	Cocamide MIPA
Rewomid 100 (Rewo)	Stearamide MEA-Stearate
Rewopol HV-9 (Rewo)	Nonoxynol-9
Rewopol NL 2 (Rewo)	Sodium Laureth Sulfate
Rewopol NLS 30 (Rewo)	Sodium Lauryl Sulfate
Rewopol SBC 212 (Rewo)	Disodium Monococamide MEA-Sulfosuccinate
Rewopol SBFA 30 (Rewo)	Disodium Monolaureth-sulfosuccinate
Rewopol SBFA 30/C (Rewo)	Disodium Monolaureth-sulfosuccinate
Rewopol SB-L203 (Rewo)	Disodium Monolauramido MEA-Sulfosuccinate
Rewopol SBW (Rewo)	Sodium Monolauryl Sulfosuccinate
Rewopol TLS 40 (Rewo)	TEA-Lauryl Sulfate
Rewopon AM-B13T (Rewo)	Cocamidopropyl Betaine
Rewopon AM-C (Rewo)	Amphoteric-1
Rewopon AM-CA (Rewo)	Amphoteric-6

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CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Rewopon AM-2C (Rewo)	Amphoteric-2
Rewopon B 204 (Rewo)	Cocamidopropylamine Oxide
Rewopon B 204 T (Rewo)	Cocamidopropylamine Oxide
Rewoquat B 18 (Rewo)	Quaternium-28
Rewoquat B 41 (Rewo)	Quaternium-30
Rhatany Extract	Krameria Extract
*Rhodamine B	D & C Red No. 19 (or) Basic Violet 10 ■
*Rhodamine B-Stearate	D & C Red No. 37 (or) Solvent Red 49:1 ■
Rhodamine C21-002 (Sun)	D & C Red No. 19
Riboflavin	Riboflavin
Rice Bran Oil	Rice Bran Oil
Rice Starch	Rice Starch
Rice Starch BL (Shawinigan)	Rice Starch
Rice Starch BLM7 (Shawinigan)	Rice Starch
Rice Starch B220 (Shawinigan)	Rice Starch
Richamide LM-46 (Richardson)	Lauramide DEA
Richamide M-3 (Richardson)	Cocamide DEA
Richamide STD (Richardson)	Lauramide DEA
Richamide 5085 (Richardson)	Oleamide DEA
Richamide 6310 (Richardson)	Lauramide DEA
Richamide 6404 (Richardson)	Cocamide DEA
Richonate AXS (Richardson)	Ammonium Xylene Sulfonate
Richonate S-1280 (Richardson)	TEA-Dodecylbenzenesulfonate
Richonate SXS (Richardson)	Sodium Xylene Sulfonate
Richonate TAB (Richardson)	TEA-Dodecylbenzenesulfonate
Richonate 45B (Richardson)	Sodium Dodecylbenzenesulfonate
Richonate 60B (Richardson)	Sodium Dodecylbenzenesulfonate
Richonate 1850 (Richardson)	Sodium Dodecylbenzenesulfonate
Richonate 5725 (Richardson)	TEA-Dodecylbenzenesulfonate
Richonic Acid B (Richardson)	Dodecylbenzene Sulfonic Acid
Richonol A (Richardson)	Sodium Lauryl Sulfate
Richonol AF (Richardson)	Sodium Lauryl Sulfate
Richonol AM (Richardson)	Ammonium Lauryl Sulfate
Richonol C (Richardson)	Sodium Lauryl Sulfate
Richonol DLS (Richardson)	DEA-Lauryl Sulfate
Richonol S-1285 (Richardson)	Sodium Laureth Sulfate
Richonol S-1300 (Richardson)	Ammonium Laureth Sulfate
Richonol S-5260 (Richardson)	Sodium Laureth Sulfate
Richonol T (Richardson)	TEA-Lauryl Sulfate
Ricilan B (Amerchol)	Lanolin Ricinoleate
Ricilan C (Amerchol)	Acetylated Lanolin Ricinoleate
Ricinoleamide DEA	Ricinoleamide DEA
Ricinoleamide MEA	Ricinoleamide MEA
Ricinoleamide MIPA	Ricinoleamide MIPA
Ricinoleic Acid	Ricinoleic Acid
Ricinoleoyl Diethanolamide	Ricinoleamide DEA
Ricinoleoyl Monoethanolamide	Ricinoleamide MEA
Ricinoleoyl Monoisopropanolamide	Ricinoleamide MIPA
*Ritachol (R.I.T.A.)	Mineral Oil (and) Lanolin Alcohol
*Ritalan (R.I.T.A.)	Lanolin Oil
Robane (Robeco)	Squalane
Robecol (Robeco)	Myristyl Isostearate (and) Triolein (and) Tripalmitin
Robeyl (Robeco)	Squalane (and) Hydrogenated Shark Liver Oil
Robuoy (Robeco)	Pristane
Roccal (Hilton-Davis)	Benzalkonium Chloride

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Roccal MC-14 (Hilton-Davis)	Myristalkonium Chloride
Rocceline 2S (Sandoz)	Acid Red 88
Rochelle Salt	Rochelle Salt
Rocket Red 3127 (Thomasset)	D & C Red No. 27 Aluminum Lake
Rock Salt	Sodium Chloride
Roman Chamomile Oil	Chamomile Oil
*Rose Pink 5521 (Thomasset)	D & C Red No. 21 Zirconium Lake
Rosemary Extract	Rosemary Extract
Rose Water	Rose Water
Rosin	Rosin
Rosin Gum	Rosin
Ross Japan Wax Substitute No. 473 (Frank B. Ross)	Microcrystalline Wax (and) Tallow Glycerides (and) Fish Glycerides (and) Oleostearine
Ross Japan Wax Substitute No. 525 (Frank B. Ross)	Fish Glycerides (and) Tallow Glycerides (and) Oleostearine (and) Microcrystalline Wax
Ross Spermaceti Wax Substitute #573 (Frank B. Ross)	Synthetic Spermaceti
Royal Jelly	Royal Jelly
Royal RM98 D Sulfur (Royal)	Sulfur
Rubine Lake C19-003 (Sun)	D & C Red No. 7 Calcium Lake
Rubine Lake C19-011 (Sun)	D & C Red No. 7 Calcium Lake
Rubine Lake C19-021 (Sun)	D & C Red No. 7 Calcium Lake
Rubine Lake 3106 (Thomasset)	D & C Red No. 6 Barium Lake
Rubinola Red 3007 (Thomasset)	D & C Red No. 7 Calcium Lake
Rue Oil	Rue Oil
Rusco Extract	Butcherbroom Extract
Rye Flour	Rye Flour
— S —	
S-7 (Norda)	2,2'-Thiobis(4-Chlorophenol)
Saccharated Lime	Saccharated Lime
Saccharin	Saccharin
Safflower Glyceride	Safflower Glyceride
Safflower Oil	Safflower Oil
Safflower Oil, Hybrid	Hybrid Safflower Oil
Safflower Oil Monoglyceride	Safflower Glyceride
Safranine T	Basic Red 2
Safranine Y Conc (Sandoz)	Basic Red 2
SAG 470 (Union Carbide)	Dimethicone (and) Silica
SAG-47 (Union Carbide)	Dimethicone (and) Silica
Sage Extract	Sage Extract
Sage Oil	Sage Oil
SAIB	Sucrose Acetate Isobutyrate
Saint John's Bread	Locust Bean Gum
Saint John's Wort "D" Plant Extract (Rhodia)	Glycerin (and) Hypericum Extract
Saint John's Wort Extract	Hypericum Extract
Sal Ammoniac	Ammonium Chloride
Salicylamide	Salicylamide
Salicylic Acid	Salicylic Acid
Salt	Sodium Chloride
Sambucus	Sambucus
*Sambucus Extract	Sambucus Extract
Sambucus Oil	Sambucus Oil
Sanamid 29B (Clintwood)	Cocamide DEA
*Sand	Hydrated Silica
Sandalwood	Sandalwood
*Sandalwood Oil	Sandalwood Oil
Sandalwood Resin	Sandalwood
Sandarac Gum	Sandarac Gum
Sandopan DTC (Sandoz)	Sodium Trideceth-7 Carboxylate
Sandopan DTC-Acid (Sandoz)	Trideceth-7 Carboxylic Acid
Sandopan TFL Conc. (Sandoz)	Amphoteric-7
Sandrol 200-O (Clintwood)	Oleamide DEA
Sanguinaria	Sanguinaria

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## Sanguinaria Extract

## Silicone CF-1173 (General Electric)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Sanguinaria Extract	Sanguinaria Extract
Santicizer B-16 (Monsanto)	Butyl Phthalyl Butyl Glycolate
Santicizer 160 (Monsanto)	Butyl Benzyl Phthalate
*Santocel 62 (Monsanto)	Hydrated Silica
Santolite MHP (Monsanto)	Toluenesulfonamide/ Formaldehyde Resin
Santolite MS 80% (Monsanto)	Toluenesulfonamide/ Formaldehyde Resin
Santovar A (Monsanto)	Diamylhydroquinone
*Sapamine COB-ST (Ciba-Geigy)	Stearamidoethyl Diethylamine
Saponins	Saponins
SAPP	Disodium Pyrophosphate
Sarkosine KA Conc (American Hoechst)	Sodium Cocoyl Sarcosinate
Sarkosine KF (American Hoechst)	TEA-Palm Kernel Sarcosinate
Sarkosine LD (American Hoechst)	Sodium Lauroyl Sarcosinate
Sarkosyl L (Ciba-Geigy)	Lauroyl Sarcosine
Sarkosyl LC (Ciba-Geigy)	Cocoyl Sarcosine
Sarkosyl NL-30 (Ciba-Geigy)	Sodium Lauroyl Sarcosinate
Sarkosyl NL-97 (Ciba-Geigy)	Sodium Lauroyl Sarcosinate
Sarkosyl O (Ciba-Geigy)	Oleoyl Sarcosine
Sassafras Oil	Sassafras Oil
Satexlan 10 (Croda)	PEG-10 Hydrogenated Lanolin
Satexlan 20 (Croda)	PEG-20 Hydrogenated Lanolin
Satialgine H (Edward Mendell)	Alginic Acid
Satulan (Croda)	Hydrogenated Lanolin
Savortone Edible (Western Dairy Products)	Milk Protein
Schercemol DIA (Scher Bros.)	Diisopropyl Adipate
Schercemol IL (Scher Bros.)	Isohexyl Laurate
Schercemol IP (Scher Bros.)	Isohexyl Palmitate
Schercemol 1818 (Scher Bros.)	Isostearyl Isostearate
Schercomid CDA (Scher Bros.)	Cocamide DEA
Schercomid CDOR Extra (Scher Bros.)	Cocamide DEA
Schercomid LD (Scher Bros.)	Lauramide DEA
Schercomid MME (Scher Bros.)	Myristamide MEA
Schercomid SCE (Scher Bros.)	Cocamide DEA
Schercomid SCO Extra (Scher Bros.)	Cocamide DEA
Schercomid SI (Scher Bros.)	Isostearamide DEA
Schercomid SL Extra (Scher Bros.)	Lauramide DEA
Schercomid SLE (Scher Bros.)	Linoleamide DEA
Schercomid SLM (Scher Bros.)	Lauramide DEA
Schercomid SME-S (Scher Bros.)	Stearamide MEA-Stearate
Schercomid SPO (Scher Bros.)	Palmitamide DEA
Schercomid ST (Scher Bros.)	Stearamide DEA
Schercopol CMS-NA (Scher Bros.)	Disodium Monococamidofulfosuccinate
Scurvy Grass Extract	Horse Radish Extract
SD Alcohol 1	SD Alcohol 1
SD Alcohol 3-A	SD Alcohol 3-A
SD Alcohol 3-B	SD Alcohol 3-B
SD Alcohol 12-A	SD Alcohol 12-A
SD Alcohol 22	SD Alcohol 22
SD Alcohol 23-A	SD Alcohol 23-A
SD Alcohol 23-F	SD Alcohol 23-F
SD Alcohol 23-H	SD Alcohol 23-H
SD Alcohol 27-B	SD Alcohol 27-B
SD Alcohol 30	SD Alcohol 30
SD Alcohol 31-A	SD Alcohol 31-A

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
SD Alcohol 36	SD Alcohol 36
SD Alcohol 37	SD Alcohol 37
SD Alcohol 38-B	SD Alcohol 38-B
SD Alcohol 38-C	SD Alcohol 38-C
SD Alcohol 38-D	SD Alcohol 38-D
SD Alcohol 38-F	SD Alcohol 38-F
SD Alcohol 39	SD Alcohol 39
SD Alcohol 39-A	SD Alcohol 39-A
SD Alcohol 39-B	SD Alcohol 39-B
SD Alcohol 39-C	SD Alcohol 39-C
SD Alcohol 39-D	SD Alcohol 39-D
SD Alcohol 40	SD Alcohol 40
SD Alcohol 40-A	SD Alcohol 40-A
SD Alcohol 40-B	SD Alcohol 40-B
SD Alcohol 40-C	SD Alcohol 40-C
SD Alcohol 46	SD Alcohol 46
SD-35 (Daiichi Seiyaku)	Panthenyl Ethyl Ether
Seakem LCM (Marine Colloids)	Carrageenan
Seakem 3 (Marine Colloids)	Calcium Carrageenan
Seaweed "D" Plant Extract (Rhodia)	Glycerin (and) Bladderwrack Extract
Secondary Ammonium Phosphate	Diammonium Phosphate
Sedaplant Richter (Kurt Richter)	Fennel Extract (and) Hops Extract (and) Balm Mint Extract (and) Mistletoe Extract (and) Matricaria Extract (and) Yarrow Extract (and) Allantoin
Seodol E-2020 (Nihon Emulsion)	Octyldodeceth-20
Sephadex G-25 (Pharmacia Fine Chemicals)	Dextran
Sequestrene AA (Ciba-Geigy)	EDTA
Sequestrene Na 2 (Ciba-Geigy)	Disodium EDTA
Sequestrene Na 3 (Ciba-Geigy)	Trisodium EDTA
Sequestrene Na 4 (Ciba-Geigy)	Tetrasodium EDTA
Sequestrene 30A (Ciba-Geigy)	Tetrasodium EDTA
Serdet DPK 30 (Chemische Fabrik Servo)	Sodium Pareth-25 Sulfate
Serine	Serine
Serpentaria Extract	Serpentaria Extract
Sesame Oil	Sesame Oil
Sesame Seed	Sesame Seed
SF-1066 Silicone Fluid (General Electric)	Dimethicone Copolyol
Shanghai Red 3019 (Thomasset)	D & C Red No. 19 Aluminum Lake
Shark Liver Oil	Shark Liver Oil
Shark Liver Oil, Hydrogenated	Hydrogenated Shark Liver Oil
Shellac	Shellac
Shellac Orange S-40	Shellac
Shell Sol 71 (Shell)	Petroleum Distillate
Shinju White CB (Mearl)	Castor Oil (and) Bismuth Oxychloride (and) Mica (and) Lanolin Acid
Shinju White DC (Mearl)	Bismuth Oxychloride (and) Mica (and) Polysorbate 61
Shinju White MA (Mearl)	Mineral Oil (and) Bismuth Oxychloride (and) Mica (and) Lanolin Acid
Shinju White 100A (Mearl)	Bismuth Oxychloride (and) Mica Benzoin
Siam Benzoin	
Silica	Silica
*Silica Gel	Hydrated Silica
Silica Hydrate	Hydrated Silica
Siliceous Earth	Diatomaceous Earth
*Silicic Acid	Hydrated Silica
Silicon Dioxide	Silica
Silicon Dioxide, Fumed	Silica
Silicone CF-1173 (General Electric)	Cyclomethicone

## Silicone Copolymer F-754 (SWS Silicones)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Silicone Copolymer F-754 (SWS Silicones)	Dimethicone Copolyol
Silicone Copolymer F-755 (SWS Silicones)	Stearoxy Dimethicone
Silicone F-6-7085 Wax (Dow Corning)	Hexadecyl Methicone
Silicone F-157A Wax (Dow Corning)	Stearoxy Dimethicone
Silicone F-218A Fluid (Dow Corning)	Cyclomethicone
Silicone F-13597 Fluid (Dow Corning)	Cyclomethicone
Silicone Fluid F-212 (SWS Silicones)	Dimethiconol
Silicone Fluid SF-96 (General Electric)	Dimethicone
Silicone Fluid SF-1066 (General Electric)	Dimethicone Copolyol
Silicone Fluid SF-1075 (General Electric)	Phenyl Dimethicone
Silicone Fluid SWS-101 (SWS Silicones)	Dimethicone
Silicone KF-99 (Shin Etsu)	Methicone
Silicone L-45 (Union Carbide)	Dimethicone
Silicone L-75 (Union Carbide)	Dimethicone Copolyol
Silicone L-77 (Union Carbide)	Dimethicone Copolyol
Silicone L-520 (Union Carbide)	Dimethicone Copolyol
Silicone L-522 (Union Carbide)	Dimethicone Copolyol
Silicone L-530 (Union Carbide)	Dimethicone Copolyol
Silicone L-531 (Union Carbide)	Dimethicone Copolyol
Silicone L-7500 (Union Carbide)	Dimethicone Copolyol
Silicone Q-2-1053 Fluid (Dow Corning)	Cyclomethicone
Silicone Q-2-2523 Wax (Dow Corning)	Stearoxy Dimethicone
Silicone Y-4854 (Union Carbide)	Dimethicone
Silicone 200 Fluid (Dow Corning)	Dimethicone
Silicone 225 Fluid (Dow Corning)	Dimethicone
Silicone 344 Fluid (Dow Corning)	Cyclomethicone
Silicone 345 Fluid (Dow Corning)	Cyclomethicone
Silicone 360 Fluid (Dow Corning)	Dimethicone
Silicone 470A Fluid (Dow Corning)	Dimethicone Copolyol
Silicone 472 Fluid (Dow Corning)	Dimethicone Copolyol
Silicone 473 Fluid (Dow Corning)	Dimethicone Copolyol
Silicone 556 Fluid (Dow Corning)	Phenyl Dimethicone
Silicone 1107 Fluid (Dow Corning)	Methicone
Silk Powder	Silk Powder
Siloxane F-221 (SWS Silicones)	Hexamethyldisiloxane
Siloxane F-223 (SWS Silicones)	Cyclomethicone
Siloxane SWS-03314 (SWS Silicones)	Cyclomethicone
Siloxane SWS-03400 (SWS Silicones)	Cyclomethicone
Silver	Silver
Silver (Sweden)	Silver
Silver #11 (Atlantic Powdered Metals)	Aluminum Powder
Silver Nitrate	Silver Nitrate
Silver Sulfate	Silver Sulfate

## Sodium Biphosphate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Simethicone	Simethicone
Sipex EC-111 (Alcolac)	Sodium Cetyl Sulfate
Sipex SB (Alcolac)	Sodium Lauryl Sulfate
Sipex SD (Alcolac)	Sodium Lauryl Sulfate
Sipon EA (Alcolac)	Ammonium Laureth Sulfate
Sipon EAC (Alcolac)	Ammonium Laureth Sulfate
Sipon ES (Alcolac)	Sodium Laureth Sulfate
Sipon ESY (Alcolac)	Sodium Laureth Sulfate
Sipon L22 (Alcolac)	Ammonium Lauryl Sulfate
Sipon LM (Alcolac)	Magnesium Lauryl Sulfate
Sipon LS (Alcolac)	Sodium Lauryl Sulfate
Sipon LSB (Alcolac)	Sodium Lauryl Sulfate
Sipon LT6 (Alcolac)	TEA-Lauryl Sulfate
Sipon TLS-65 (Alcolac)	TEA-Lauryl Sulfate
Sipon WD (Alcolac)	Sodium Lauryl Sulfate
*Siponic E-3 (Alcolac)	Ceteareth-6
*Siponic E-5 (Alcolac)	Ceteareth-10
*Siponic E-10 (Alcolac)	Ceteareth-20
Siponic E-15 (Alcolac)	Ceteareth-30
Siponic L-1 (Alcolac)	Laureth-1
Siponic L-3 (Alcolac)	Laureth-3
Siponic L-4 (Alcolac)	Laureth-4
Siponic L-12 (Alcolac)	Laureth-12
Siponic L-25 (Alcolac)	Laureth-23
Siponic Y-050 (Alcolac)	Oleth-2
Siponic Y-100 (Alcolac)	Oleth-5
Siponic Y-150 (Alcolac)	Oleth-15
Siponic Y-500 (Alcolac)	Oleth-25
Siponic Y-500-70 (Alcolac)	Oleth-25
Siponic Y-501 (Alcolac)	Oleth-20
Sisal	Sisal
Sisal Extract	Sisal Extract
Skiralan (Croda)	Mineral Oil (and) Aluminum Lanolate (and) Aluminum Behenate (and) Aluminum Stearate
Skirate 5 (Croda)	PEG-5 Lanolate
Skirate 10 (Croda)	PEG-10 Lanolate
Skliro (Croda)	Lanolin Acid
Skliro Distilled (Croda)	Lanolin Acid
Slippery Elm Bark	Slippery Elm Bark
Sno Flake (Allied)	Sodium Sesquicarbonate
Snow Fine (Allied)	Sodium Sesquicarbonate
Snowflake Crystals (Independent Chemicals)	Sodium Sesquicarbonate
Snowgoose (Vanderbilt)	Talc
Snow White (Penreco)	Petrolatum
Snow White Petrolatum (Stevenson)	Petrolatum
SNP-19 (General Mills)	Protamine/Nucleic Acid Complex
Soap Clay	Bentonite
Soda Ash	Sodium Carbonate
Sodium Acetate	Sodium Acetate
Sodium Acid Pyrophosphate	Disodium Pyrophosphate
Sodium Acid Sulfite	Sodium Bisulfite
Sodium Alginate	Algin
Sodium Alum	Sodium Alum
Sodium Aluminosilicate	Sodium Silicoaluminate
Sodium Aluminum Chlorohydroxy Lactate	Sodium Aluminum Chlorohydroxy Lactate
Sodium Aluminum Lactate	Sodium Aluminum Lactate
Sodium Aluminum Sulfate	Sodium Alum
Sodium Ascorbate	Sodium Ascorbate
Sodium Benzoate	Sodium Benzoate
Sodium Bicarbonate	Sodium Bicarbonate
Sodium Biphosphate	Sodium Phosphate

## Sodium N,N-Bis-2-Hydroxyethyl Glycinate

## Sodium Oleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Sodium N,N-Bis-2-Hydroxyethyl Glycinate	Sodium Dihydroxyethyl-glycinate
Sodium Bisulfate	Sodium Bisulfate
Sodium Bisulfite	Sodium Bisulfite
Sodium Borate	Sodium Borate
Sodium Bromate	Sodium Bromate
Sodium C4-12 Olefin/Maleic Acid Copolymer	Sodium C4-12 Olefin/Maleic Acid Copolymer
Sodium C12-15 Alcohols Sulfate	Sodium C12-15 Alcohols Sulfate
Sodium C14-16 Olefin Sulfonate	Sodium C14-16 Olefin Sulfonate
Sodium C16-18 Olefin Sulfonate	Sodium C16-18 Olefin Sulfonate
Sodium Caprylate	Sodium Caprylate
Sodium Capryl Lactylate	Sodium Capryl Lactylate
Sodium Carbonate	Sodium Carbonate
Sodium Carbonate Peroxide	Sodium Carbonate Peroxide
Sodium Carboxymethyl Cellulose	Cellulose Gum
Sodium Carboxymethyl Dextran	Sodium Carboxymethyl Dextran
Sodium Carboxymethyl Hydroxyethylcellulose	Carboxymethyl Hydroxyethyl-cellulose
Sodium Carrageenan	Sodium Carrageenan
Sodium Carrageenate	Sodium Carrageenan
Sodium Caseinate	Sodium Caseinate
Sodium Castorate	Sodium Castorate
Sodium Cellulose Sulfate	Sodium Cellulose Sulfate
Sodium Cetearyl Sulfate	Sodium Cetearyl Sulfonate
Sodium Cetostearyl Sulfonate	Sodium Cetearyl Sulfonate
Sodium Cetyl/Stearyl Sulfate	Sodium Cetearyl Sulfate
Sodium Cetyl Sulfate	Sodium Cetyl Sulfate
Sodium Chloride	Sodium Chloride
Sodium Chondroitin Sulfate	Sodium Chondroitin Sulfate
Sodium Citrate	Sodium Citrate
Sodium CMC	Cellulose Gum
Sodium Cocaminopropionate	Sodium Cocaminopropionate
Sodium N-Coco-β-Aminopropionate	Sodium Cocaminopropionate
Sodium Cocoate	Sodium Cocoate
Sodium Coco-Hydrolyzed Animal Protein	Sodium Coco-Hydrolyzed Animal Protein
Sodium Cocomonoglyceride Sulfate	Sodium Cocomonoglyceride Sulfate
Sodium Coconut Monoglyceride Sulfate	Sodium Cocomonoglyceride Sulfate
Sodium Cocoyl Glutamate	Sodium Cocoyl Glutamate
Sodium Cocoyl Isethionate	Sodium Cocoyl Isethionate
Sodium N-Cocoyl-N-Methyl Taurate	Sodium Methyl Cocoyl Taurate
Sodium N-Cocoyl Sarcosinate	Sodium Cocoyl Sarcosinate
Sodium Cumene Sulfonate	Sodium Cumene Sulfonate
Sodium Decylbenzenesulfonate	Sodium Decylbenzenesulfonate
Sodium Decyl Sulfate	Sodium Decyl Sulfate
Sodium Dehydroacetate	Sodium Dehydroacetate
Sodium Di-(2-Ethylhexyl) Sulfosuccinate	Diocetyl Sodium Sulfosuccinate
Sodium 2,2'-Dihydroxy-4,4'-Dimethoxy-5-Sulfo-benzophenone	Benzophenone-9
Sodium Dihydroxyethyl-glycinate	Sodium Dihydroxyethyl-glycinate
Sodium Dioctyl Sulfosuccinate	Diocetyl Sodium Sulfosuccinate
Sodium Dithionate	Sodium Hydrosulfite
Sodium Dodecylbenzenesulfonate	Sodium Dodecylbenzenesulfonate
Sodium Edetate	Tetrasodium EDTA
Sodium Erythorbate	Sodium Erythorbate
Sodium Ethylmercurithio-salicylate	Thimerosal

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Sodium Fluorescein	D & C Yellow No. 8 (or) Acid Yellow 73 Sodium Salt ■
Sodium Fluoride	Sodium Fluoride
Sodium Glyceryl Oleate Phosphate	Sodium Glyceryl Oleate Phosphate
Sodium Hexametaphosphate	Sodium Hexametaphosphate
Sodium Hydrogenated Tallow Glutamate	Sodium Hydrogenated Tallow Glutamate
Sodium Hydrosulfite	Sodium Hydrosulfite
Sodium Hydroxide	Sodium Hydroxide
Sodium 2-Hydroxyethane-sulfonic Acid	Sodium Isethionate
Sodium Hyposulfite	Sodium Thiosulfate
Sodium Iodate	Sodium Iodate
Sodium Iodide	Sodium Iodide
Sodium Isethionate	Sodium Isethionate
Sodium Isoascorbate	Sodium Erythorbate
Sodium Lactate	Sodium Lactate
Sodium Laneth Sulfate	Sodium Laneth Sulfate
Sodium Lauraminopropionate	Sodium Lauraminopropionate
Sodium Laurate	Sodium Laurate
Sodium Laureth Sulfate	Sodium Laureth Sulfate
Sodium Laureth-4 Phosphate	Sodium Laureth-4 Phosphate
Sodium Laureth-7 Sulfate	Sodium Laureth-7 Sulfate
Sodium Laureth-12 Sulfate	Sodium Laureth-12 Sulfate
Sodium Lauriminodipropionate	Sodium Lauriminodipropionate
Sodium Lauroyl Glutamate	Sodium Lauroyl Glutamate
Sodium Lauroyl Isethionate	Sodium Lauroyl Isethionate
Sodium Lauroyl Lactylate	Sodium Lauroyl Lactylate
Sodium Lauroyl Sarcosinate	Sodium Lauroyl Sarcosinate
Sodium Lauryl Benzene Sulfonate	Sodium Dodecylbenzenesulfonate
Sodium Lauryl Ether Sulfate	Sodium Laureth Sulfate
Sodium N-Lauryl-β-Iminodipropionate	Sodium Lauriminodipropionate
Sodium Lauryl Isethionate	Sodium Lauroyl Isethionate
Sodium N-Lauryl, Myristyl-β-Aminopropionic Acid	Sodium Lauraminopropionate
Sodium Lauryl Sulfate	Sodium Lauryl Sulfate
Sodium Lauryl Sulfoacetate	Sodium Lauryl Sulfoacetate
Sodium Lignosulfonate	Sodium Lignosulfonate
Sodium Magnesium Fluorosilicate	Sodium Magnesium Fluorosilicate
Sodium Magnesium Silicate	Sodium Magnesium Silicate
Sodium Merthiolate (Eli Lilly)	Thimerosal
Sodium Metaphosphate	Sodium Metaphosphate
Sodium Metasilicate	Sodium Metasilicate
Sodium-N-Methyl-N-Cocoyl Taurate	Sodium Methyl Cocoyl Taurate
Sodium Methyl Naphthalene Sulfonate	Sodium Methyl Naphthalene Sulfonate
Sodium N-Methyl-N-Oleoyl Taurate	Sodium Methyl Oleoyl Taurate
Sodium N-Methyl-N-Oleoyl Taurate	Sodium Methyl Oleoyl Taurate
Sodium Monodiethylamino-propyl Cocoaspartamide	Sodium Monodiethylamino-propyl Cocoaspartamide
Sodium Monofluorophosphate	Sodium Monofluorophosphate
Sodium Myreth Sulfate	Sodium Myreth Sulfate
Sodium Myristoyl Sarcosinate	Sodium Myristoyl Sarcosinate
Sodium Myristyl Sulfate	Sodium Myristyl Sulfate
Sodium Nitrite	Sodium Nitrite
Sodium Nonoxynol-9 Phosphate	Sodium Nonoxynol-9 Phosphate
Sodium Nonoxynol-1 Sulfate	Sodium Nonoxynol-1 Sulfate
Sodium Nonoxynol-4 Sulfate	Sodium Nonoxynol-4 Sulfate
Sodium Nonylphenyl Ether Sulfate	Sodium Nonoxynol-1 Sulfate
Sodium n-Octoate	Sodium Caprylate
Sodium Octoxynol-3 Sulfonate	Sodium Octoxynol-3 Sulfonate
Sodium Oleate	Sodium Oleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Sodium N-Oleoyl-N-Methyl Taurate	Sodium Methyl Oleoyl Taurate	Sodium Tallow Sulfate	Sodium Tallow Sulfate
Sodium Oleth-7 Phosphate	Sodium Oleth-7 Phosphate	Sodium Tetraborate	Sodium Borate
Sodium Oleyl Betaine	Sodium Oleyl Betaine	Sodium Thiosulfate	Sodium Thiosulfate
Sodium Omadine (Olin)	Sodium Pyrrithione	Sodium Toluene Sulfonate	Sodium Toluene Sulfonate
Sodium Oxalate	Sodium Oxalate	Sodium p-Toluenesulfonchloramide	Chloramine-T
Sodium Palmitate	Sodium Palmitate	Sodium Trideceth-7 Carboxylate	Sodium Trideceth-7 Carboxylate
Sodium Pareth-25 Sulfate	Sodium Pareth-25 Sulfate	Sodium Tridecyl Sulfate	Sodium Tridecyl Sulfate
Sodium PCA	Sodium PCA	Sodium Tripolyphosphate	Pentasodium Triphosphate
Sodium Perborate	Sodium Perborate	Sodium 2-Undecylbenzimidazole Sulfonate	Sodium 2-Undecylbenzimidazole Sulfonate
Sodium Peroxydisulfate	Sodium Persulfate	Sodium Undecylenate	Sodium Undecylenate
Sodium Persulfate	Sodium Persulfate	Sodium Xylene Sulfonate	Sodium Xylene Sulfonate
Sodium o-Phenyl Phenate	Sodium o-Phenyl Phenate	Softigen 701 (Dynamit-Nobel)	Glyceryl Hydroxystearate
Sodium Phosphate, Dibasic	Disodium Phosphate	Softigen 767 (Dynamit-Nobel)	PEG-6 Caprylic/Capric Glycerides
Sodium Phosphate Monobasic	Sodium Phosphate	Softisan 100 (Dynamit-Nobel)	Trilaurin
Sodium Phosphate, Tribasic	Trisodium Phosphate	Softisan 378 (Dynamit-Nobel)	Caprylic/Capric/Stearic Triglyceride
Sodium Phosphorofluoridate	Sodium Monofluorophosphate	Softisan 601 (Dynamit-Nobel)	Glyceryl Cocoate (and) Hydrogenated Coconut Oil (and) Cetareth-25
Sodium Picramate	Sodium Picramate	*Solan (Croda)	PEG-60 Lanolin
Sodium Polignate	Sodium Lignosulfonate	Solan 50 (Croda)	PEG-60 Lanolin
Sodium Polymethacrylate	Sodium Polymethacrylate	Solangel 401 (Croda)	PEG-50 Lanolin
Sodium Polynaphthalene Sulfonate	Sodium Polynaphthalene Sulfonate	Soleterge 8 (Hodag)	Disodium Monooleamido MIPA-Sulfosuccinate
Sodium Polyoxyethylene (3) Myristyl Ether Sulfate	Sodium Myreth Sulfate	Solka-Floc (Brown)	Cellulose
Sodium Polyoxyethylene (4) Lauryl Ether Phosphate	Sodium Laureth-4 Phosphate	Solka-Floc BW-200 (Brown)	Cellulose
Sodium Polyoxyethylene (7) Lauryl Ether Sulfate	Sodium Laureth-7 Sulfate	Soloron Silver (Rona Pearl)	Mica (and) Titanium Dioxide
Sodium Polyoxyethylene (7) Oleyl Ether Phosphate	Sodium Oleth-7 Phosphate	Soloron Silver CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide
Sodium Polyoxyethylene Lanolin Ether Sulfate	Sodium Laneth Sulfate	Soltrol 130 (Phillips Petroleum)	C10-13 Isoparaffin
Sodium Polyoxyethylene Lauryl Sulfate	Sodium Laureth Sulfate	Soltrol 220 (Phillips Petroleum)	C13-16 Isoparaffin
Sodium Polystyrene Sulfonate	Sodium Polystyrene Sulfonate	Solubilized Vat Blue 5	Solubilized Vat Blue 5
Sodium Potassium Tartrate	Rochelle Salt	Solulan C-24 (Amerchol)	Choleth-24
Sodium Propionate	Sodium Propionate	Solulan HC (Amerchol)	Laneth-15
Sodium (2-Pyridylthio)-N-Oxide	Sodium Pyrrithione	Solulan L-575 (Amerchol)	PEG-75 Lanolin
Sodium Pyrrithione	Sodium Pyrrithione	Solulan PB-2 (Amerchol)	PPG-2 Lanolin Ether
Sodium Pyroglutamate	Sodium PCA	Solulan PB-5 (Amerchol)	PPG-5 Lanolin Ether
Sodium Pyrophosphate	Tetrasodium Pyrophosphate	Solulan PB-10 (Amerchol)	PPG-10 Lanolin Ether
Sodium DL-2-Pyrrolidone-5-Carboxylate	Sodium PCA	Solulan PB-20 (Amerchol)	PPG-20 Lanolin Ether
Sodium Saccharin	Sodium Saccharin	Solulan 5 (Amerchol)	Laneth-5
Sodium Salicylate	Sodium Salicylate	Solulan 16 (Amerchol)	Laneth-16
Sodium Sesquicarbonate	Sodium Sesquicarbonate	Solulan 25 (Amerchol)	Laneth-25
Sodium Silicate	Sodium Silicate	Solulan 75 (Amerchol)	PEG-75 Lanolin
Sodium Silicoaluminat	Sodium Silicoaluminat	Solulan 97 (Amerchol)	Laneth-9 Acetate
Sodium Soya Hydrolyzed Animal Protein	Sodium Soya Hydrolyzed Animal Protein	Solulan 98 (Amerchol)	Laneth-10 Acetate
Sodium Stannate	Sodium Stannate	Solusol-75% (American Cyanamid)	Diocetyl Sodium Sulfosuccinate
Sodium Stearate	Sodium Stearate	Solusol-85% (American Cyanamid)	Diocetyl Sodium Sulfosuccinate (and) Sodium Benzoate
Sodium Stearoyl Lactylate	Sodium Stearoyl Lactylate	Sol-U-Tein E (Fanning)	Egg Powder
Sodium Stearyl-2-Lactylate	Sodium Stearoyl Lactylate	Sol-U-Tein M (Fanning)	Hydrolyzed Animal Protein
Sodium Styrene/Acrylate/PEG-10 Dimaleate Copolymer	Sodium Styrene/Acrylate/PEG-10 Dimaleate Copolymer	Solvenol No. 2 (Hercules)	Mixed Terpenes
Sodium Styrene/Acrylates/Divinylbenzene Copolymer	Sodium Styrene/Acrylates/Divinylbenzene Copolymer	Solvent Black 5	Solvent Black 5
Sodium Styrene/PEG-10 Maleate/Nonoxynol-10 Maleate/Acrylate Copolymer	Sodium Styrene/PEG-10 Maleate/Nonoxynol-10 Maleate/Acrylate Copolymer	Solvent Brown 43	Solvent Brown 43
Sodium Sulfanilate	Sodium Sulfanilate	*Solvent Green 3	Solvent Green 3
Sodium Sulfate	Sodium Sulfate	*Solvent Green 7	Solvent Green 7
Sodium Sulfite	Sodium Sulfite	*Solvent Red 23	Solvent Red 23
Sodium Tallow Alcohol Sulfate	Sodium Tallow Sulfate	*Solvent Red 43	Solvent Red 43
Sodium Tallowate	Sodium Tallowate	*Solvent Red 48	Solvent Red 48
		Solvent Red 49:1	Solvent Red 49:1
		*Solvent Red 72	Solvent Red 72
		*Solvent Red 73	Solvent Red 73
		Solvent Violet 12	Disperse Violet 4
		*Solvent Violet 13	Solvent Violet 13
		Solvent Violet 26	Disperse Red 11
		*Solvent Yellow 33	Solvent Yellow 33

## Solvent Yellow 63

## Standamul LA-1 (Henkel)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Solvent Yellow 63	Solvent Yellow 63	Span 60 (ICI United States)	Sorbitan Stearate
Solvent Yellow 90	Solvent Yellow 90	Span 65 (ICI United States)	Sorbitan Tristearate
Solvent 111 (Vulcan)	Trichloroethane	Span 80 (ICI United States)	Sorbitan Oleate
Sonojell #4 (Witco)	Petrolatum	Span 85 (ICI United States)	Sorbitan Trioleate
Sonojell #9 (Witco)	Petrolatum	Sparklelan (Malmstrom)	Lanolin
Sontex 19 (Marathon Morco)	Mineral Oil	Spearmint Oil	Spearmint Oil
Sontex 21 (Marathon Morco)	Mineral Oil	Special Fat 114 (Dynamit-Nobel)	Trimyristin
Sontex 35 (Marathon Morco)	Mineral Oil	Spectra-Pearl BKG 6478 (Mallinckrodt)	Mica (and) Iron Oxides (and) Titanium Dioxide (and) Calcium Stearate
Sontex 55 (Marathon Morco)	Mineral Oil	Spectra-Pearl BKW 6472 (Mallinckrodt)	Mica (and) Iron Oxides (and) Titanium Dioxide (and) Calcium Stearate
Sontex 70 (Marathon Morco)	Mineral Oil	Spectra-Pearl BLG 6476 (Mallinckrodt)	Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide (and) Calcium Stearate
Sontex 75 (Marathon Morco)	Mineral Oil	Spectra-Pearl BLW 6470 (Mallinckrodt)	Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide (and) Calcium Stearate
Sontex 85 (Marathon Morco)	Mineral Oil	Spectra-Pearl BNG 6479 (Mallinckrodt)	Mica (and) Iron Oxides (and) Titanium Dioxide (and) Calcium Stearate
Sontex 100 (Marathon Morco)	Mineral Oil	Spectra-Pearl BNW 6474 (Mallinckrodt)	Mica (and) Iron Oxides (and) Titanium Dioxide (and) Calcium Stearate
Sontex 150 (Marathon Morco)	Mineral Oil	Spectra-Pearl GNG 6477 (Mallinckrodt)	Mica (and) Chromium Oxide Greens (and) Titanium Dioxide (and) Calcium Stearate
Sopanax (Monsanto)	o-Tolyl Biguanide	Spectra-Pearl GNW 6471 (Mallinckrodt)	Mica (and) Chromium Oxide Greens (and) Titanium Dioxide (and) Calcium Stearate
Sorbeth-20	Sorbeth-20	Spectra-Pearl PLW 6473 (Mallinckrodt)	Mica (and) Ultramarine Blue (and) Titanium Dioxide (and) Calcium Stearate
Sorbic Acid	Sorbic Acid	Spectra-Pearl YWG 6475 (Mallinckrodt)	Mica (and) Iron Oxides (and) Titanium Dioxide (and) Calcium Stearate
Sorbide Dioleate	Sorbitan Dioleate	Spectra-Sorb UV 9 (American Cyanamid)	Benzophenone-3
Sorbimacrogol Laurate 300	Polysorbate 20	Spectra-Sorb UV 24 (American Cyanamid)	Benzophenone-8
Sorbimacrogol Oleate 300	Polysorbate 80	Spectra-Sorb UV 284 (American Cyanamid)	Benzophenone-4
Sorbimacrogol Palmitate 300	Polysorbate 40	Spermaceti	Spermaceti
Sorbimacrogol Stearate 300	Polysorbate 60	Spermaceti Wax	Spermaceti
Sorbimacrogol Trioleate 300	Polysorbate 65	Spermwax (Robeco)	Synthetic Spermaceti
Sorbimacrogol Tristearate 300	Polysorbate 85	Spirit of Hartshorn	Ammonium Hydroxide
Sorbistat (Pfizer)	Sorbic Acid	Sponto H-44C (Witco)	PEG-8 Oleate
Sorbistat K (Pfizer)	Potassium Sorbate	Spray Dried Whole Egg Solids Type W-1 (Henningsen)	Egg Powder
Sorbitan Dioleate	Sorbitan Dioleate	Squalane	Squalane
Sorbitan Laurate	Sorbitan Laurate	Squalene	Squalene
Sorbitan Monolaurate	Sorbitan Laurate	Stabilizer D-17 (Givaudan)	Isopropyl Cresols
Sorbitan Monooleate	Sorbitan Oleate	Stabilizer #1 (Givaudan)	Isopropyl Cresols
Sorbitan Monopalmitate	Sorbitan Palmitate	Standamid CD (Henkel)	Capramide DEA
Sorbitan Monostearate	Sorbitan Stearate	Standamid CM (Henkel)	Cocamide MEA
Sorbitan Oleate	Sorbitan Oleate	Standamid KD (Henkel)	Cocamide DEA
Sorbitan Palmitate	Sorbitan Palmitate	Standamid KDM (Henkel)	Cocamide DEA
Sorbitan Sesquiosostearate	Sorbitan Sesquiosostearate	Standamid LD (Henkel)	Lauramide DEA
Sorbitan Sesquioleate	Sorbitan Sesquioleate	Standamid LP (Henkel)	Lauramide MIPA
Sorbitan Sesquistearate	Sorbitan Sesquistearate	Standamid PD (Henkel)	Cocamide DEA
Sorbitan Stearate	Sorbitan Stearate	Standamid SD (Henkel)	Cocamide DEA
Sorbitan Triisostearate	Sorbitan Triisostearate	Standamox O1 (Henkel)	Oleamine Oxide
Sorbitan Trioleate	Sorbitan Trioleate	Standamid CTA (Henkel)	Hexyl Laurate
Sorbitan Tristearate	Sorbitan Tristearate	Standamid CTV (Henkel)	Decyl Oleate
Sorbitol	Sorbitol	Standamid DIPA (Henkel)	Diisopropyl Adipate
Sorbo (ICI United States)	Sorbitol	Standamidul G (Henkel)	Octyl Dodecanol
Sorbobetex AA (Van Dyk)	Mineral Oil (and) Lanolin Alcohol (and) Glyceryl Oleate	Standamidul G-16 (Henkel)	Isocetyl Alcohol
Soy	Soy	Standamidul LA-1 (Henkel)	Laureth-1
Soya Acid	Soya Acid		
N-(Soya Alkyl)-N,N,N- Trimethyl Ammonium Chloride	Quaternium-9		
Soyabits (Central Soya)	Soy		
Soya Dimethyl Amine	Dimethyl Soyamine		
N-Soya-N-Ethyl Morpholinium Ethosulfate	Quaternium-2		
Soyafiufluff (Central Soya)	Soy Flour		
Soyamine	Soyamine		
Soya Oil	Soybean Oil		
Soya Sterol	Soya Sterol		
Soya Trimethyl Ammonium Chloride	Soyatrimonium Chloride		
Soyatrimonium Chloride	Soyatrimonium Chloride		
Soybean Oil	Soybean Oil		
Soybean Oil, Hydrogenated	Hydrogenated Soybean Oil		
Soy Flour	Soy Flour		
Soy Protein	Soy Protein		
Span 20 (ICI United States)	Sorbitan Laurate		
Span 40 (ICI United States)	Sorbitan Palmitate		

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Standamul LA-2 (Henkel)	Laureth-2	Stannic Oxide	Tin Oxide
Standamul LA-3 (Henkel)	Laureth-3	Stannous Chloride	Stannous Chloride
Standamul O2 (Henkel)	Oleth-2	Stannous Fluoride	Stannous Fluoride
Standamul O5 (Henkel)	Oleth-5	Stannous Pyrophosphate	Stannous Pyrophosphate
Standamul O10 (Henkel)	Oleth-10	Star (Procter & Gamble)	Glycerin
Standamul O20 (Henkel)	Oleth-20	Starch, Corn	Corn Starch
Standamul 302 (Henkel)	Propylene Glycol Dicaprylate/Dicaprate	Starch Diethylaminoethyl Ether	Starch Diethylaminoethyl Ether
Standamul 1410E (Henkel)	Myreth-3 Caprate	Starch, Potato	Potato Starch
Standamul 1414E (Henkel)	Myreth-3 Myristate		
Standamul 1616 (Henkel)	Cetyl Palmitate	Starch, Rice	Rice Starch
Standapol A (Henkel)	Ammonium Lauryl Sulfate	Starch, Wheat	Wheat Starch
*Standapol AB-45 (Henkel)	Coco-Betaine	Starfol BS-100 (Ashland)	Butyl Stearate
Standapol Conc. F-3 (Henkel)	Lauramide DEA (and) Sodium Myreth Sulfate (and) TEA- Lauryl Sulfate (and) Propylene Glycol	Starfol EGDS (Ashland)	Glycol Distearate
		Starfol EGMS (Ashland)	Glycol Stearate
Standapol Conc. 7021 (Henkel)	DEA-Lauryl Sulfate (and) TEA- Lauryl Sulfate	Starfol GMS 450 (Ashland)	Glyceryl Stearate
		Starfol GMS 600 (Ashland)	Glyceryl Stearate
		Starfol GMS 900 (Ashland)	Glyceryl Stearate
Standapol Conc. 7023 (Henkel)	Cocamide DEA (and) DEA- Myreth Sulfate	Starfol IPM (Ashland)	Isopropyl Myristate
		Starfol IPP (Ashland)	Isopropyl Palmitate
Standapol CS Paste (Henkel)	Sodium Lauryl Sulfate (and) Sodium Cetyl Sulfate (and) Laureth-3	Starfol Wax CG (Ashland)	Synthetic Spermactei Stearyl Alcohol
Standapol DEA (Henkel)	DEA-Lauryl Sulfate	Stearal (Robinson- Wagner)	
Standapol DX (Henkel)	Lauryl Betaine (and) DEA- Lauryl Sulfate	Stearalcohol (Lanaetex)	Mineral Oil (and) Lanolin Alcohol
Standapol E Conc (Henkel)	Sodium Cetearyl Sulfate	Stearalkonium Chloride	Stearalkonium Chloride
Standapol EA-1 (Henkel)	Ammonium Laureth Sulfate	Stearalkonium Hectorite	Stearalkonium Hectorite
Standapol EA-2 (Henkel)	Ammonium Laureth Sulfate	Stearamide	Stearamide
Standapol EA-3 (Henkel)	Ammonium Laureth Sulfate	Stearamide DEA	Stearamide DEA
Standapol EA-40 (Henkel)	Ammonium Myreth Sulfate	Stearamide DIBA-Stearate	Stearamide DIBA-Stearate
Standapol ES 1 (Henkel)	Sodium Laureth Sulfate	Stearamide MEA	Stearamide MEA
Standapol ES 2 (Henkel)	Sodium Laureth Sulfate	Stearamide MEA-Stearate	Stearamide MEA-Stearate
Standapol ES 3 (Henkel)	Sodium Laureth Sulfate	Stearamide MIPA	Stearamide MIPA
Standapol ES 40 (Henkel)	Sodium Myreth Sulfate	Stearamidoethyl Diethylamine	Stearamidoethyl Diethylamine
Standapol ETA-2 (Henkel)	TEA-Laureth Sulfate	Stearamidoethyl Diethylamine Phosphate	Stearamidoethyl Diethylamine Phosphate
Standapol MLS (Henkel)	MEA-Lauryl Sulfate	Stearamidoethyl Ethanolamine	Stearamidoethyl Ethanolamine
Standapol OLB-50 (Henkel)	Oleyl Betaine	Stearamidopropyl Dimethylamine	Stearamidopropyl Dimethylamine
Standapol S (Henkel)	Sodium Lauryl Sulfate (and) Sodium Laureth Sulfate (and) Lauramide MIPA (and) Cocamide MEA (and) Glycol Stearate (and) Coceth-8	Stearamine	Stearamine
		Stearamine Oxide	Stearamine Oxide
Standapol SH-100 (Henkel)	Disodium Monooleamido- sulfosuccinate	Steareth-2	Steareth-2
		Steareth-4	Steareth-4
Standapol SH-135 Special (Henkel)	Disodium Monooleamido- sulfosuccinate	Steareth-7	Steareth-7
Standapol SH-200 (Henkel)	Ammonium Monooleamido- sulfosuccinate	Steareth-10	Steareth-10
Standapol SH-300 (Henkel)	TEA-Monooleamidossulfo- succinate	Steareth-20	Steareth-20
		Steareth-30	Steareth-30
Standapol SHC-101 (Henkel)	Disodium Monooleamido- sulfosuccinate (and) Sodium Lauryl Sulfate	Stearethate 40	PEG-40 Stearate
		Stearic Acid	Stearic Acid
Standapol SHC-301 (Henkel)	TEA-Monooleamidossulfo- succinate (and) TEA-Lauryl Sulfate	Stearic Acid Amide	Stearamide
		Stearic Acid Diethanolamide	Stearamide DEA
Standapol T (Henkel)	TEA-Lauryl Sulfate	Stearic Acid Monoethanolamide	Stearamide MEA
Standapol TS-100 (Henkel)	TEA-Lauryl Sulfate	Stearic Hydrazide	Stearic Hydrazide
Standapol WA-AC (Henkel)	Sodium Lauryl Sulfate	Stearic Monoethanolamide Stearate	Stearamide MEA-Stearate
Standapol WAQ Special (Henkel)	Sodium Lauryl Sulfate	Stearoxy Dimethicone	Stearoxy Dimethicone
Standapol WAQ 115 (Henkel)	Sodium C12-15 Alcohols Sulfate	N-(Stearoyl Colamino Formyl Methyl) Pyridinium Chloride	Quaternium-7
Standapol WAS 100 (Henkel)	Sodium Lauryl Sulfate	Stearoyl Diethanolamide	Stearamide DEA
Standapol 110 (Henkel)	Sodium Decyl Sulfate	Stearoyl Isopropanolamide	Stearamide MIPA
Standapol 112 Conc (Henkel)	Sodium Lauryl Sulfate	Stearoyl-N-Methylaminoacetic Acid	Stearoyl Sarcosine
Standapol 125E (Henkel)	Sodium Laureth Sulfate	Stearoyl-N-Methylglycine	Stearoyl Sarcosine
		Stearoyl Monoethanolamide	Stearamide MEA
Standapol 130-E (Henkel)	Sodium Laureth-12 Sulfate	Stearoyl Monoisopropanolamide	Stearamide MIPA
Standapol 230-E (Henkel)	Ammonium Laureth-12 Sulfate	Stearoyl Sarcosine	Stearoyl Sarcosine
Standard Super-Cel (Johns- Manville)	Diatomaceous Earth	Steartrimonium Chloride	Steartrimonium Chloride
		Stearyl Acetate	Stearyl Acetate
		Stearyl Alcohol	Stearyl Alcohol



## Stearyl Amine

## Sulframin 90 Flakes (Witco)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†	CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Stearyl Amine	Stearamine	*Sterolan (Robinson-Wagner)	Mineral Oil (and) Lanolin Alcohol
Stearyl Betaine	Stearyl Betaine	Stillingia	Stillingia
Stearyl Caprylate	Stearyl Caprylate	Stinging Nettle Extract	Nettle Extract
Stearyl Dimethyl Amine	Dimethyl Stearamine	*Stoneroot	Stoneroot
Stearyl Dimethyl Benzyl Ammonium Chloride	Stearalkonium Chloride	Stoneroot Extract	Stoneroot Extract
Stearyl Dimethyl Glycine	Stearyl Betaine	Stramonium	Stramonium
Stearyl Dimethylamine Oxide	Stearamine Oxide	*Stramonium Extract	Stramonium Extract
Stearyl 2-Ethylhexanoate	Stearyl Octanoate	Strawberry Juice	Strawberry Juice
Stearyl Heptanoate	Stearyl Heptanoate	Strontium Dioxide	Strontium Dioxide
Stearyl Lactate	Stearyl Lactate	Strontium Hydrate	Strontium Hydroxide
Stearyl Octanoate	Stearyl Octanoate	Strontium Hydroxide	Strontium Hydroxide
Stearyl Stearate	Stearyl Stearate	Strontium Peroxide	Strontium Dioxide
Stearyl Triethanol Ammonium Chloride	Quaternium-16	Styrene/Acrylate/Ammonium Methacrylate Polymer	Styrene/Acrylate/Ammonium Methacrylate Polymer
*Stearyl Trimethyl Ammonium Chloride	Steartrimonium Chloride	Styrene/Acrylate Copolymer	Styrene/Acrylate Copolymer
Stedbac (Fine Organics)	Stearalkonium Chloride	Styrene/Maleic Anhydride Copolymer	Styrene/Maleic Anhydride Copolymer
Steinazid SBU 185 (Rewo)	Disodium Monoundecylenamido MEA-Sulfosuccinate	Succinic Acid	Succinic Acid
Steinazid U 185 (Rewo)	Undecylenamide MEA	Succinic Anhydride	Succinic Anhydride
Steol CA-460 (Stepan)	Ammonium Laureth Sulfate	Sucrose	Sucrose
Steol CA-760 (Stepan)	Ammonium Laureth-7 Sulfate	Sucrose Acetate Isobutyrate	Sucrose Acetate Isobutyrate
Steol CS-125 (Stepan)	Sodium Laureth Sulfate	Sucrose Benzoate	Sucrose Benzoate
*Steol CS-460 (Stepan)	Sodium Laureth Sulfate	Sucrose Octaacetate	Sucrose Octaacetate
Steol CS-760 (Stepan)	Sodium Laureth-7 Sulfate	Sudan III	D & C Red No. 17 (or) Solvent Red 23 ■
Steol 4N (Stepan)	Sodium Laureth Sulfate	Sugar	Sucrose
Stepanate AM (Stepan)	Ammonium Xylene Sulfonate	Sulfated Castor Oil	Sulfated Castor Oil
Stepanate X (Stepan)	Sodium Xylene Sulfonate	Sulfated Glycerol Oleate	Sulfated Glycerol Oleate
Stepan C-68 (Stepan)	Methyl Oleate	Sulfobetaine DLM (Textilana)	Lauryl Sulfate
Stepan D-50 (Stepan)	Isopropyl Myristate	Sulfonated Castor Oil	Sulfated Castor Oil
Stepan D-70 (Stepan)	Isopropyl Palmitate	Sulfonine Brilliant Red 3B (Sandoz)	Acid Red 131
Stepanol AM (Stepan)	Ammonium Lauryl Sulfate	Sulfofon WA 1 (Henkel)	Sodium Lauryl Sulfate
Stepanol DEA (Stepan)	DEA-Lauryl Sulfate	Sulfofon WA 1 Special (Henkel)	Sodium Lauryl Sulfate
Stepanol ME Dry (Stepan)	Sodium Lauryl Sulfate	Sulfofon WA 3 (Henkel)	Sodium Lauryl Sulfate
Stepanol MG (Stepan)	Magnesium Lauryl Sulfate	Sulfotex WA (Textilana)	Sodium Lauryl Sulfate
Stepanol WA Paste (Stepan)	Sodium Lauryl Sulfate	Sulfotex WAA (Textilana)	Ammonium Lauryl Sulfate
Stepanol WA Special (Stepan)	Sodium Lauryl Sulfate	Sulfotex WALA (Textilana)	Sodium Lauryl Sulfate
Stepanol WA-100 (Stepan)	Sodium Lauryl Sulfate	Sulfotex WAT (Textilana)	TEA-Lauryl Sulfate
Stepanol WAC (Stepan)	Sodium Lauryl Sulfate	Sulframin LX Flakes (Witco)	Sodium Dodecylbenzenesulfonate (and) Sodium Xylene Sulfonate
Stepanol WAQ (Stepan)	Sodium Lauryl Sulfate	Sulframin LX Powder (Witco)	Sodium Dodecylbenzenesulfonate (and) Sodium Xylene Sulfonate
Stepanol WAT (Stepan)	TEA-Lauryl Sulfate	Sulframin 14-16 AOS Flakes (Witco)	Sodium C14-16 Olefin Sulfonate
Stepan P-616 (Stepan)	Lauramide DEA	Sulframin 14-16 AOS Slurry (Witco)	Sodium C14-16 Olefin Sulfonate
Stepan P-621 (Stepan)	Lauramide DEA	Sulframin 16-18 AOS Flakes (Witco)	Sodium C16-18 Olefin Sulfonate
Stepan P-650 (Stepan)	Cocamide DEA	Sulframin 16-18 AOS Slurry (Witco)	Sodium C16-18 Olefin Sulfonate
Sterachol (Lanaetex)	Lanolin Alcohol	Sulframin 40 Flakes (Witco)	Sodium Dodecylbenzenesulfonate
Sterculia Gum	Karaya Gum	Sulframin 40 Granular (Witco)	Sodium Dodecylbenzenesulfonate
Sterling AM (Canada Packers)	Ammonium Lauryl Sulfate	Sulframin 40RA (Witco)	Sodium Dodecylbenzenesulfonate
Sterling Emulsifier #3 (Canada Packers)	Pareth-25-3	Sulframin 45 Liquid (Witco)	Sodium Dodecylbenzenesulfonate (and) Sodium Xylene Sulfonate
Sterling ES 600 (Canada Packers)	Ammonium Laureth Sulfate	Sulframin 45LX Liquid (Witco)	Sodium Dodecylbenzenesulfonate (and) Sodium Xylene Sulfonate
Sterling Super A (Canada Packers)	Sodium Laureth Sulfate	Sulframin 60T (Witco)	TEA-Dodecylbenzenesulfonate
Sterling WADE (Canada Packers)	DEA-Lauryl Sulfate	Sulframin 85 (Witco)	Sodium Dodecylbenzenesulfonate
Sterling WAME (Canada Packers)	MEA-Lauryl Sulfate	Sulframin 90 Flakes (Witco)	Sodium Dodecylbenzenesulfonate
Sterling WA Paste (Canada Packers)	Sodium Lauryl Sulfate		
Sterling WAQ-CH (Canada Packers)	Sodium Lauryl Sulfate		
Sterling WAQ-Cosmetic (Canada Packers)	Sodium Lauryl Sulfate		
Sterling WAT (Canada Packers)	TEA-Lauryl Sulfate		

## Sulframin 1238 Slurry (Witco)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Sulframin 1238 Slurry (Witco)	Sodium Dodecylbenzene-sulfonate
Sulframin 1250 Slurry (Witco)	Sodium Dodecylbenzene-sulfonate
Sulframin 1260 Slurry (Witco)	Sodium Dodecylbenzene-sulfonate (and) Sodium Xylene Sulfonate
Sulframin 1298 Sulfonic Acid (Witco)	Dodecylbenzene Sulfonic Acid
Sulfur	Sulfur
Sulfur Dioxide	Sulfur Dioxide
Sulfur Precipitated	Sulfur
Sulfur, Colloidal	Colloidal Sulfur
Sulfurated Lime Solution	Lime Sulfur
Sulfuric Acid	Sulfuric Acid
Sulisobenzene	Benzophenone-4
Sumatra Benzoin	Benzoin
Sunarome W (Felton)	TEA-Salicylate
Sunarome WMO (Felton)	Octyl Salicylate
Sunburst Red (Sun)	D & C Red No. 10 Sodium Lake
Sunflower Seed Oil	Sunflower Seed Oil
Sunkist California Lemon Juice (Sunkist Growers)	Lemon Juice
Sunkist California Lemon Oil (Sunkist Growers)	Lemon Oil
Sunkist Orange 3064 (Thomasset)	D & C Orange No. 4 Aluminum Lake
Sunkist Pectin (Sunkist Growers)	Pectin
Sunscreen Agent AV 660523 (Neo Heliopan AV) (Haarmann & Reimer)	Octyl Methoxycinnamate
Sunscreen Agent H&R 656078 (Neo Heliopan H&R) (Haarmann & Reimer)	Isopropyl Methoxycinnamate (and) Ethyl Diisopropylcinnamate
*Sunset Orange 3455 (Thomasset)	D & C Orange No. 5 Zirconium Lake
Super Amide B-5 (Onyx)	Cocamide DEA
Super Amide GR (Onyx)	Cocamide DEA
*Super Amide L-9 (Onyx)	Lauramide DEA
Super Amide L-9A (Onyx)	Lauramide DEA
Super Amide L-9C (Onyx)	Lauramide DEA
Super Amide LM (Onyx)	Lauramide DEA
Superamide 100L (Clintwood)	Lauramide DEA
Supercol (General Mills)	Locust Bean Gum
Supercol U Powder (General Mills)	Guar Gum
Super Corona Lanolin (Croda)	Lanolin
Superfine Lanolin (Fanning)	Lanolin
Super Floss (Johns-Manville)	Diatomaceous Earth
Super Hartolan (Croda)	Lanolin Alcohol
Super Nimco Wool Wax Alcohols (Malmstrom)	Lanolin Alcohol
Superol (Procter & Gamble)	Glycerin
Super Pro 5A (Stepan)	TEA-Coco-Hydrolyzed Animal Protein (and) Sorbitol
Super Pro 11 (Stepan)	Coco-Hydrolyzed Animal Protein (and) Mineral Oil (and) Hydrogenated Lanolin (and) Ceteareth-5 (and) Myristyl Myristate
Super Pro 25 (Stepan)	Butyl Stearate (and) Oleoyl Hydrolyzed Animal Protein (and) Lecithin
Super Pro 35 (Stepan)	Butyl Stearate (and) Oleoyl Hydrolyzed Animal Protein (and) Peach Kernel Oil (and) Lecithin
Supersat (R.I.T.A.)	Hydrogenated Lanolin
Supersat AWS-3 (R.I.T.A.)	PEG-30 Hydrogenated Lanolin
Supersat AWS-4 (R.I.T.A.)	PEG-20 Hydrogenated Lanolin

## Synthetic Oxidized Veba Wax AX 1539 (Dura)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Supersat AWS-6 (R.I.T.A.)	PEG-5 Hydrogenated Lanolin
Super White (Penreco)	Petrolatum
Suppocire CM (Gattefosse)	Hydrogenated Palm Glycerides (and) Hydrogenated Palm Kernel Glycerides
Supraene (Robeco)	Squalene
Surfactol 365 (NL Industries)	PEG-40 Castor Oil
Surfonic N-10 (Jefferson)	Nonoxynol-1
Surfonic N-40 (Jefferson)	Nonoxynol-4
Surfonic N-60 (Jefferson)	Nonoxynol-6
Surfonic N-95 (Jefferson)	Nonoxynol-10
Surfonic N-100 (Jefferson)	Nonoxynol-10
Surfonic N-102 (Jefferson)	Nonoxynol-10
Surfonic N-120 (Jefferson)	Nonoxynol-12
Surfonic N-150 (Jefferson)	Nonoxynol-15
Surfonic N-200 (Jefferson)	Nonoxynol-20
Surfonic N-300 (Jefferson)	Nonoxynol-30
Surfonic N-400 (Jefferson)	Nonoxynol-40
Surfonic N-500 (Jefferson)	Nonoxynol-50
Surfonic NB-5 (Jefferson)	Nonoxynol-30
Surfonic NB-14 (Jefferson)	Nonoxynol-40
Surfonic NB-15 (Jefferson)	Nonoxynol-50
Surfynol 82 (Air Products)	Dimethyl Octynediol
Surfynol 104 (Air Products)	Tetramethyl Decynediol
Sustane 1-F (Universal Oil Products)	BHA
Sweden: Aluminum	Aluminum Powder
Sweden: Erytrosin	FD & C Red No. 3 (or) Acid Red 51■
Sweden: Indigokarmin	FD & C Blue No. 2 (or) Acid Blue 74■
Sweden: Karmin	Carmine
Sweden: Karotin	Carotene
Sweden: Kinolingult	D & C Yellow No. 10 (or) Acid Yellow 3■
Sweden: Klorofyll	Chlorophyllin-Copper Complex
Sweden: Mellanblatt	Vat Blue 4
Sweden: Nykockin	Acid Red 18
Sweden: Para-Orange	FD & C Yellow No. 6
Sweden: Patentbla	Acid Blue 3
Sweden: Patentgront	FD & C Green No. 3
Sweden: Silver	Silver
Sweden: Tartrazin	FD & C Yellow No. 5 (or) Acid Yellow 23■
Sweden: Titandioxid	Titanium Dioxide
Sweet Almond Oil	Sweet Almond Oil
Sweet Birch Oil	Methyl Salicylate
Sweet Marjoram Oil	Sweet Marjoram Oil
*Syloid 63 (Davison)	Hydrated Silica
*Syloid 72 (Davison)	Hydrated Silica
*Syloid 74 (Davison)	Hydrated Silica
*Syloid 244 (Davison)	Hydrated Silica
*Syloid 266 (Davison)	Hydrated Silica
Synaceti 125 (Smith)	Synthetic Spermaceti
Synotol CN-60 (PVO)	Cocamide DEA
Synotol CN-60S (PVO)	Cocamide DEA
Synotol CN-60-2 (PVO)	Cocamide DEA
Synotol CN-80 (PVO)	Cocamide DEA
Synotol L-60 (PVO)	Lauramide DEA
Synotol LM-60 (PVO)	Lauramide DEA
Synotol LO-80 (PVO)	Linoleamide DEA
Synthetic Beeswax	Synthetic Beeswax
Synthetic Oxidized Veba Wax AX 1539 (Dura)	Synthetic Wax

*Synthetic Oxidized Veba Wax AX 2729 (Dura)*

*Tegacid N (Inolex)*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Synthetic Oxidized Veba Wax AX 2729 (Dura)	Synthetic Wax
Synthetic Oxidized Veba Wax B60 (Dura)	Synthetic Wax
Synthetic Oxidized Veba Wax B120 (Dura)	Synthetic Wax
Synthetic Oxidized Veba Wax C20 (Dura)	Synthetic Wax
Synthetic Oxidized Veba Wax C60 (Dura)	Synthetic Wax
Synthetic Spermaceti	Synthetic Spermaceti
Synthetic Wax	Synthetic Wax

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T-11 (Procter & Gamble)	Hydrogenated Tallow Acid
T-18 (Procter & Gamble)	Tallow Acid
T-DET C-40 (Thompson-Hayward)	PEG-40 Castor Oil
T-DET DD-5 (Thompson-Hayward)	Dodoxynol-5
T-DET DD-7 (Thompson-Hayward)	Dodoxynol-7
T-DET N-4 (Thompson-Hayward)	Nonoxynol-4
T-DET N-6 (Thompson-Hayward)	Nonoxynol-6
T-DET N-8 (Thompson-Hayward)	Nonoxynol-8
T-DET N-9.5 (Thompson-Hayward)	Nonoxynol-10
T-DET N-10.5 (Thompson-Hayward)	Nonoxynol-10
T-DET N-12 (Thompson-Hayward)	Nonoxynol-12
T-DET N-30 (Thompson-Hayward)	Nonoxynol-30
T-DET N-100 (Thompson-Hayward)	Nonoxynol-100
T-DET N-307 (Thompson-Hayward)	Nonoxynol-30
T-DET N-1007 (Thompson-Hayward)	Nonoxynol-100
T-DET O-407 (Thompson-Hayward)	Octoxynol-40
Tacky Lanolin (Malmstrom)	Lanolin (and) Lanolin Wax
Takanal (Ikeda Bussan Kaisha)	Quaternium-51
Talc	Talc
Tallamide DEA	Tallamide DEA
Tall Oil	Tall Oil
Tall Oil Acid	Tall Oil Acid
Tall Oil Acid Diethanolamide	Tallamide DEA
Tall Oil Sterol	Tall Oil Sterol
Tallow	Tallow
Tallow Acid	Tallow Acid
Tallow Acid Diethanolamide	Tallowamide DEA
Tallow Acid, Hydrogenated	Hydrogenated Tallow Acid
Tallow Acid Monoethanolamide	Tallowamide MEA
Tallow Amide	Tallow Amide
Tallowamide DEA	Tallowamide DEA
Tallowamide MEA	Tallowamide MEA
Tallow Amidopropylamine Oxide	Tallow Amidopropylamine Oxide
Tallow Amine	Tallow Amine
Tallow Amine, Hydrogenated	Hydrogenated Tallow Amine
Tallow Amine Oxide	Tallow Amine Oxide
Tallow, Beef	Tallow
Tallow Dimethyl Amine	Dimethyl Tallow Amine
Tallow Dimethyl Amine Oxide	Tallow Amine Oxide

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Talloweth-6	Talloweth-6
Tallow Glyceride	Tallow Glyceride
Tallow Glycerides	Tallow Glycerides
Tallow, Hydrogenated	Hydrogenated Tallow
Tallow Monoglyceride	Tallow Glyceride
Tallow, Mutton	Tallow
Tallow Trimethyl Ammonium Chloride	Tallowtrimonium Chloride
Tallowtrimonium Chloride	Tallowtrimonium Chloride
Tamol 731 (Rohm & Haas)	Isobutylene/ Maleic Anhydride Copolymer
Tangiers Orange (Sun)	D & C Orange No. 17 Lake
Taraxacum	Dandelion Root
Taraxacum Extract	Dandelion Extract
Tar Oil	Tar Oil
Tar Oil Rectified	Pine Tar Oil
Tartar Emetic	Antimony Potassium Tartrate
Tartaric Acid	Tartaric Acid
L-Tartaric Acid	Tartaric Acid
Tartrazin (Sweden)	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
*Tartrazine	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
TCC	Triclocarban
TCP	Tricresyl Phosphate
TEA	Triethanolamine
TEA-Abietoyl Hydrolyzed Animal Protein	TEA-Abietoyl Hydrolyzed Animal Protein
TEA-C12-15 Alcohols Sulfate	TEA-C12-15 Alcohols Sulfate
TEA-Cocoate	TEA-Cocoate
*TEA-Coco-Hydrolyzed Animal Protein	TEA-Coco-Hydrolyzed Animal Protein
TEA-Cocoyl Glutamate	TEA-Cocoyl Glutamate
TEA-Cocoyl Sarcosinate	TEA-Cocoyl Sarcosinate
TEA-Dodecylbenzenesulfonate	TEA-Dodecylbenzenesulfonate
TEA-Hydrochloride	TEA-Hydrochloride
TEA-Hydrogenated Tallow Glutamate	TEA-Hydrogenated Tallow Glutamate
TEA-Lactate	TEA-Lactate
TEA-Lauraminopropionate	TEA-Lauraminopropionate
TEA-Laureth Sulfate	TEA-Laureth Sulfate
TEA-Lauroyl Glutamate	TEA-Lauroyl Glutamate
TEA-Lauroyl Lactylate	TEA-Lauroyl Lactylate
TEA-N-Lauryl, Myristyl β-Aminopropionate	TEA-Lauraminopropionate
TEA-Lauryl Sulfate	TEA-Lauryl Sulfate
TEA-Monooleamidofosuccinate	TEA-Monooleamidofosuccinate
TEA-Myristoyl Hydrolyzed Animal Protein	TEA-Myristoyl Hydrolyzed Animal Protein
TEA-Oleate	TEA-Oleate
TEA-Oleoyl/Cocoyl Sarcosinate (American Cyanamid)	TEA-Oleoyl Sarcosinate
TEA-Oleoyl Hydrolyzed Animal Protein	TEA-Oleoyl Hydrolyzed Animal Protein
TEA-Oleoyl Sarcosinate	TEA-Oleoyl Sarcosinate
TEA-Oleyl Sulfate	TEA-Oleyl Sulfate
TEA-Palm Kernel Sarcosinate	TEA-Palm Kernel Sarcosinate
TEA-PCA	TEA-PCA
TEA-Salicylate	TEA-Salicylate
TEA-Stearate	TEA-Stearate
Tea Tree Oil	Tea Tree Oil
TEA-Tridecylbenzenesulfonate	TEA-Tridecylbenzenesulfonate
TEA-Undecylenoyl Hydrolyzed Animal Protein	TEA-Undecylenoyl Hydrolyzed Animal Protein
Tecquinol (Eastman)	Hydroquinone
Tegacid N (Inolex)	Glyceryl Stearate (and) Stearamidoethyl Diethylamine

**Tegacid, Regular (Inolex)**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
*Tegacid, Regular (Inolex)	Glyceryl Stearate (and) Stearamidoethyl Diethylamine
*Tegacid, Special (Inolex)	Glyceryl Stearate (and) Sodium Lauryl Sulfate
Tegamine B-13 (Inolex)	Behenamidopropyl Dimethylamine
Tegamine C-13 (Inolex)	Cocamidopropyl Dimethylamine
Tegamine L-13 (Inolex)	Lauramidopropyl Dimethylamine
Tegamine M-13 (Inolex)	Myristamidopropyl Dimethylamine
*Tegamine O-13 (Inolex)	Oleamidopropyl Dimethylamine
Tegamine P-13 (Inolex)	Palmitamidopropyl Dimethylamine
*Tegamine S-13 (Inolex)	Stearamidopropyl Dimethylamine
Tegamine TP-13 (Inolex)	Stearamidopropyl Dimethylamine
Tegamine 22 (Inolex)	Stearamidoethyl Diethylamine
Tegester Butyl Stearate (Inolex)	Butyl Stearate
Tegester EGDS (Inolex)	Glycol Distearate
Tegester Emollient 60 (Inolex)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate
Tegester Emollient 552 (Inolex)	Isopropyl Myristate (and) Isopropyl Palmitate (and) Isopropyl Stearate
Tegester Emollient 3975 (Inolex)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate
Tegester Hexadecyl Stearate (Inolex)	Isocetyl Stearate
Tegester Isomyst (Inolex)	Isopropyl Myristate
Tegester Isopalm (Inolex)	Isopropyl Palmitate
Tegester PG-8-10 (Inolex)	Propylene Glycol Dicaprylate/ Dicaprate
Tegester Spreading Agent (Inolex)	PEG-6 Dilaurate
Tegester 504-D (Inolex)	Diisopropyl Adipate
*Tegin (Inolex)	Glyceryl Stearate SE
*Tegin P (Inolex)	Propylene Glycol Stearate SE
Tegin 55G (Inolex)	Glyceryl Stearate
Tegin 503 (Inolex)	Glyceryl Stearate
Tegin 515 (Inolex)	Glyceryl Stearate
*Tegin 530 (Inolex)	Glyceryl Stearate SE
*Tegobetaine C (Inolex)	Cocamidopropyl Betaine
Tegone A (Inolex)	Glyceryl Stearate (and) Isopropyl Myristate (and) Stearyl Stearate
Tego-Oleic 130 (Inolex)	Oleic Acid
Tegosept B (Inolex)	Butylparaben
Tegosept E (Inolex)	Ethylparaben
Tegosept M (Inolex)	Methylparaben
Tegosept P (Inolex)	Propylparaben
Tegostearic 254 (Inolex)	Stearic Acid
Tegostearic 255 (Inolex)	Stearic Acid
Tegostearic 272 (Inolex)	Stearic Acid
Tegyl (Inolex)	Glyceryl Stearate (and) Butyl Stearate (and) Stearyl Stearate
Tenox BHA (Eastman)	BHA
Tenox BHT (Eastman)	BHT
Tenox PG (Eastman)	Propyl Gallate
Tenox TBHQ (Eastman)	t-Butyl Hydroquinone
Tenox 2 (Eastman)	Propylene Glycol (and) BHA (and) Propyl Gallate (and) Citric Acid
Tenox 4 (Eastman)	Corn Oil (and) BHA (and) BHT
Tenox 6 (Eastman)	Corn Oil (and) Glyceryl Oleate (and) Propylene Glycol (and) (cont.)

**Tetraglyceryl Monolauryl Ether**

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Tenox 26 (Eastman)	BHA (and) BHT (and) Propyl Gallate (and) Citric Acid Corn Oil (and) Glyceryl Oleate (and) Propylene Glycol (and) BHA (and) BHT (and) t-Butyl Hydroquinone (and) Citric Acid
Tergelan (Malmstrom)	Myristic Acid (and) Mixed Isopropanolamines (and) Lanolin Acid
Tergitol NP-14 (Union Carbide)	Nonoxynol-4
Tergitol NP-15 (Union Carbide)	Nonoxynol-5
Tergitol NP-16 (Union Carbide)	Nonoxynol-6
Tergitol NP-27 (Union Carbide)	Nonoxynol-7
Tergitol NP-33 (Union Carbide)	Nonoxynol-13
Tergitol NP-35 (Union Carbide)	Nonoxynol-15
Tergitol NP-40 (Union Carbide)	Nonoxynol-20
Tergitol NP-44 (Union Carbide)	Nonoxynol-40
Tergitol NPX (Union Carbide)	Nonoxynol-10
Tergitol TP-9 (Union Carbide)	Nonoxynol-9
Tergitol XD (Union Carbide)	PPG-24-Buteth-27
Tergitol 12-P-6 (Union Carbide)	Dodoxynol-6
Tergitol 12-P-9 (Union Carbide)	Dodoxynol-9
Tergitol 12-P-12 (Union Carbide)	Dodoxynol-12
Tergitol 13-S-5 (Union Carbide)	Pareth-13-5
Tergitol 13-S-7 (Union Carbide)	Pareth-13-7
Tergitol 15-S-3 (Union Carbide)	Pareth-15-3
Tergitol 15-S-5 (Union Carbide)	Pareth-15-5
Tergitol 15-S-7 (Union Carbide)	Pareth-15-7
Tergitol 15-S-9 (Union Carbide)	Pareth-15-9
Tergitol 15-S-12 (Union Carbide)	Pareth-15-12
Tergitol 15-S-20 (Union Carbide)	Pareth-15-20
Tergitol 15-S-30 (Union Carbide)	Pareth-15-30
Tergitol 15-S-40 (Union Carbide)	Pareth-15-40
Tergitol 45-S-10 (Union Carbide)	Pareth-45-10
Terpineol	Terpineol
Terpineol 318 (Hercules)	Terpineol
Tert-Butyl Alcohol	t-Butyl Alcohol
1,4,5,8-Tetraaminoanthraquinone	Disperse Blue 1
*Tetrabromofluorescein	D & C Red No. 21 (or) Solvent Red 43 ■
Tetrachloroethylene	Tetrachloroethylene
*Tetrachlorotetrabromofluorescein	D & C Red No. 27 (or) Solvent Red 48 ■
Tetradecamide,N,N-Bis(2-Hydroxyethyl)	Myristamide DEA
1-Tetradecanol	Myristyl Alcohol
Tetradecyl Octadecanol	Tetradecyl Octadecanol
Tetraglyceryl Monococoate	Polyglyceryl-4 Coccoate
Tetraglyceryl Monoisostearate	Polyglyceryl-4 Isostearate
Tetraglyceryl Monolauryl Ether	Polyglyceryl-4 Lauryl Ether

## Tetraglyceryl Monooleate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Tetraglyceryl Monooleate	Polyglyceryl-4 Oleate
Tetraglyceryl Monooleyl Ether	Polyglyceryl-4 Oleyl Ether
Tetrahydrofurfuryl Acetate	Tetrahydrofurfuryl Acetate
Tetrahydrofurfuryl Alcohol	Tetrahydrofurfuryl Alcohol
Tetrahydrofurfuryl Ethoxylate	Glycofurol
Tetrahydrogeranyl 12-Hydroxystearate	Isodecyl Hydroxystearate
Tetrahydrogeranyl Myristate	Isodecyl Myristate
Tetrahydrogeranyl Palmitate	Isodecyl Palmitate
Tetrahydro-1,4-Oxazine	Morpholine
2,2',4,4'-Tetrahydroxybenzophenone	Benzophenone-2
Tetrahydroxypropyl Ethylenediamine	Tetrahydroxypropyl Ethylenediamine
Tetramethylammonium Chloride	Tetramethylammonium Chloride
2,4,7,9-Tetramethyl-5-Decyne-4,7-Diol	Tetramethyl Decynediol
Tetrapotassium Pyrophosphate	Tetrapotassium Pyrophosphate
Tetrasodium N-(1,2-Dicarboxyethyl)-N-Octadecyl Sulfosuccinamate	Tetrasodium Dicarboxyethyl Stearyl Sulfosuccinamate
Tetrasodium Dicarboxyethyl Stearyl Sulfosuccinamate	Tetrasodium Dicarboxyethyl Stearyl Sulfosuccinamate
Tetrasodium Edetate	Tetrasodium EDTA
Tetrasodium EDTA	Tetrasodium EDTA
Tetrasodium Ethylene Diamine Tetraacetate	Tetrasodium EDTA
Tetrasodium Etidronate	Tetrasodium Etidronate
Tetrasodium 1-Hydroxyethane-1,1-Diphosphonate	Tetrasodium Etidronate
Tetrasodium Pyrophosphate	Tetrasodium Pyrophosphate
Tetronic 304 (BASF-Wyandotte)	Poloxamine 304
Tetronic 504 (BASF-Wyandotte)	Poloxamine 504
Tetronic 701 (BASF-Wyandotte)	Poloxamine 701
Tetronic 702 (BASF-Wyandotte)	Poloxamine 702
Tetronic 704 (BASF-Wyandotte)	Poloxamine 704
Tetronic 707 (BASF-Wyandotte)	Poloxamine 707
Tetronic 901 (BASF-Wyandotte)	Poloxamine 901
Tetronic 904 (BASF-Wyandotte)	Poloxamine 904
Tetronic 908 (BASF-Wyandotte)	Poloxamine 908
Tetronic 1101 (BASF-Wyandotte)	Poloxamine 1101
Tetronic 1102 (BASF-Wyandotte)	Poloxamine 1102
Tetronic 1104 (BASF-Wyandotte)	Poloxamine 1104
Tetronic 1301 (BASF-Wyandotte)	Poloxamine 1301
Tetronic 1302 (BASF-Wyandotte)	Poloxamine 1302
Tetronic 1304 (BASF-Wyandotte)	Poloxamine 1304
Tetronic 1307 (BASF-Wyandotte)	Poloxamine 1307
Tetronic 1501 (BASF-Wyandotte)	Poloxamine 1501
Tetronic 1502 (BASF-Wyandotte)	Poloxamine 1502
Tetronic 1504 (BASF-Wyandotte)	Poloxamine 1504

## Timica Brilliant Gold Sparkle (Mearl)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Tetronic 1508 (BASF-Wyandotte)	Poloxamine 1508
Texal-L (Lanaetex)	Isopropyl Myristate (and) Myristyl Alcohol
Texapon A-400 (Henkel)	Ammonium Lauryl Sulfate
Texapon EVR (Henkel)	Sodium Lauryl Sulfate (and) Sodium Laureth Sulfate (and) Lauramide MIPA (and) Cocamide MEA (and) Glycol Stearate (and) Coceth-8
Texapon Extract N25 (Henkel)	Sodium Laureth Sulfate
Texapon Extract N40 (Henkel)	Sodium Laureth Sulfate
Texapon K12 (Henkel)	Sodium Lauryl Sulfate
Texapon K14 (Henkel)	Sodium Myristyl Sulfate
Texapon K14S Special (Henkel)	Sodium Myristyl Sulfate
Texapon K-1296 (Henkel)	Sodium Lauryl Sulfate
Texapon MLS (Henkel)	MEA-Lauryl Sulfate
*Texapon NT (Henkel)	TEA-Laureth Sulfate
Texapon V HC Needles (Henkel)	Sodium Lauryl Sulfate
Texapon V HC Powder (Henkel)	Sodium Lauryl Sulfate
Texapon ZHC (Henkel)	Sodium Lauryl Sulfate
Textamine Oxide (Textilana)	Cocamine Oxide
Textamine Oxide C-50 (Textilana)	Cocamine Oxide
Textee (PVO)	Hydrogenated Vegetable Oil
Tham	Tromethamine
Thanol PPG-2000 (Jefferson)	PPG-26
Theobroma Oil	Cocoa Butter
Theophylline	Theophylline
Thiamine HCl	Thiamine HCl
Thiamine Hydrochloride	Thiamine HCl
Thibetolide (Givaudan)	Pentadecalactone
Thimerosal	Thimerosal
2,2'-Thiobis(4-Chlorophenol)	2,2'-Thiobis(4-Chlorophenol)
Thiocarbamide	Thiourea
2,2'-Thiodiethanol	Thiodiglycol
Thiodiethylene Glycol	Thiodiglycol
Thiodiglycol	Thiodiglycol
3,3'-Thiodipropionic Acid	3,3'-Thiodipropionic Acid
Thioglycerin	Thioglycerin
Thioglycerol	Thioglycerin
Thioglycolic Acid	Thioglycolic Acid
Thiolactic Acid	Thiolactic Acid
Thiosalicylic Acid	Thiosalicylic Acid
Thiourea	Thiourea
Thiovanic Acid (Evans Chemetics)	Thioglycolic Acid
Thiovanol (Evans Chemetics)	Thioglycerin
Thixcin E (NL Industries)	Trihydroxystearin
Thixcin R (NL Industries)	Trihydroxystearin
Threonine	Threonine
β-Thujaplicin	Hinokitiol
Thyme Extract	Thyme Extract
Thymol	Thymol
Tiger Orange 3236 (Thomasset)	D & C Red No. 36
Timica (Mearl)	Titanium Dioxide (and) Mica
Timica Brilliant Gold (Mearl)	Mica (and) Titanium Dioxide (and) Iron Oxides
Timica Brilliant Gold Sparkle (Mearl)	Mica (and) Titanium Dioxide (and) Iron Oxides

*Timica Iridescent Red (Mearl)*

*Tridecyl Alcohol*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Timica Iridescent Red (Mearl)	Mica (and) Titanium Dioxide
Timica Pale Gold (Mearl)	Mica (and) Titanium Dioxide
Timica Pearlwhite (Mearl)	Mica (and) Titanium Dioxide
Timica Silkwhite (Mearl)	Mica (and) Titanium Dioxide
Timica Sparkle (Mearl)	Mica (and) Titanium Dioxide
Timiron Blue MP-155 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Blue Red MP-176 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Gleamer Flake MP-44 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Gleamer Flake MP-45 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Glitter MP-40 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Gold Glow MP-26 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Gold MP-124 (Rona Pearl)	Mica (and) Titanium Dioxide (and) Iron Oxides
Timiron Gold Plus MP-25 (Rona Pearl)	Mica (and) Titanium Dioxide (and) Iron Oxides
Timiron Green MP-165 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron MP-41 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Pearl Flake MP-10 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Pearl Flake MP-14 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Pearl Sheen MP-30 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Pearl Sheen MP-30 CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide
Timiron Pearluster MP-2000 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Red MP-175 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Superluster MP-101	Mica (and) Titanium Dioxide
Timiron Superluster MP-101 AQ (Rona Pearl)	Water (and) Mica (and) Titanium Dioxide
Timiron Superluster MP-101 CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide
Timiron Supersheen MP-1001 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Supersheen MP-1001 CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide
Timiron Ultraluster Blue MP-151 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Ultraluster Gold MP-123 (Rona Pearl)	Mica (and) Titanium Dioxide (and) Iron Oxides
Timiron Ultraluster Gold MP-123 AQ (Rona Pearl)	Water (and) Mica (and) Titanium Dioxide (and) Iron Oxides
Timiron Ultraluster Gold MP-123 CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide (and) Iron Oxides
Timiron Ultraluster Green MP-161 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Ultraluster MP-111 (Rona Pearl)	Mica (and) Titanium Dioxide
Timiron Ultraluster MP-111 AQ (Rona Pearl)	Water (and) Mica (and) Titanium Dioxide
Timiron Ultraluster MP-111 CO (Rona Pearl)	Castor Oil (and) Mica (and) Titanium Dioxide
Timiron Ultraluster MP-111 MO (Rona Pearl)	Mineral Oil (and) Mica (and) Titanium Dioxide
Timiron Ultraluster MP-111 SO (Rona Pearl)	Sesame Oil (and) Mica (and) Titanium Dioxide

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Timiron Ultraluster MP-112 (Rona Pearl)	Mica (and) Titanium Dioxide
Tin Dichloride	Stannous Chloride
Tin Difluoride	Stannous Fluoride
Tin Oxide	Tin Oxide
Ti-o-Tal (Whittaker, Clark & Daniels)	Talc (and) Titanium Dioxide
TIPA-Stearate	TIPA-Stearate
Titandioxid (Sweden)	Titanium Dioxide
Titanium Dioxide	Titanium Dioxide
Titanium Hydroxide	Titanium Hydroxide
Titanox 2010 (NL Industries)	Titanium Dioxide
TL (Theodore Leonhard)	Beeswax
*Tocopherol	Tocopherol
*Tocopheryl Acetate	Tocopheryl Acetate
*Tocopheryl Succinate	Tocopheryl Succinate
Tolu Balsam	Balsam Tolu
Toluene	Toluene
p-Toluenediamine	Toluene-2,5-Diamine
Toluene-2,5-Diamine	Toluene-2,5-Diamine
Toluene-3,4-Diamine	Toluene-3,4-Diamine
2,5-Toluenediamine	Toluene-2,5-Diamine
p-Toluenediamine Sulfate	Toluene-2,5-Diamine Sulfate
Toluene-2,5-Diamine Sulfate	Toluene-2,5-Diamine Sulfate
Toluenesulfonamide/ Formaldehyde Resin	Toluenesulfonamide/ Formaldehyde Resin
Toluol	Toluene
o-Tolyl Biguanide	o-Tolyl Biguanide
Tonalid (Polak's Frutal Works)	Acetyl Hexamethyl Tetralin
Toning Lithol (Sun)	D & C Red No. 12 Barium Lake
Toning Orange (Sun)	D & C Red No. 8 Sodium Lake
Toning Red D C10-007 (Sun)	D & C Red No. 11 Calcium Lake
Tonka Bean Camphor	Coumarin
Tragacanth Gum	Tragacanth Gum
Triacetin	Triacetin
Tributyl Citrate	Tributyl Citrate
Tricalcium Phosphate	Tricalcium Phosphate
3,4,4'-Trichlorocarbaniide	Triclocarban
1,1,1-Trichloroethane	Trichloroethane
Trichloroethylene	Trichloroethylene
*Trichlorofluoromethane	Chlorofluorocarbon 11
2,4,4'-Trichloro-2-Hydroxy Diphenyl Ether	Triclosan
1,1,1-Trichloro-2-Methyl-2-Propanol	Chlorobutanol
N-Trichloromethylthio-4-Cyclohexene-1,2-Dicarboximide	Captan
N-Trichloromethylthiotetrahydrophthalimide	Captan
Triclocarban	Triclocarban
Triclosan	Triclosan
Tricosolfan (Audel)	Wood Tar (and) Sulfur
Tricresyl Phosphate	Tricresyl Phosphate
Trideceth-3	Trideceth-3
Trideceth-6	Trideceth-6
Trideceth-7 Carboxylic Acid	Trideceth-7 Carboxylic Acid
Trideceth-9	Trideceth-9
Trideceth-10	Trideceth-10
Trideceth-11	Trideceth-11
Trideceth-12	Trideceth-12
Trideceth-15	Trideceth-15
Tridecyl Alcohol	Tridecyl Alcohol

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Tridecylbenzenesulfonic Acid Triethanolamine	Tridecylbenzenesulfonic Acid Triethanolaminè
Triethanolamine Abietoyl Hydrolyzed Animal Protein	TEA-Abietoyl Hydrolyzed Animal Protein
Triethanolamine C12-15 Alcohols Sulfate	TEA-C12-15 Alcohols Sulfate
Triethanolamine Coco- Hydrolyzed Animal Protein	TEA-Coco-Hydrolyzed Animal Protein
Triethanolamine Coconut Acid	TEA-Cocoate
Triethanolamine Cocoyl Glutamate	TEA-Cocoyl Glutamate
Triethanolamine Cocoyl Sarcosinate	TEA-Cocoyl Sarcosinate
Triethanolamine Dodecyl- benzenesulfonate	TEA-Dodecylbenzenesulfonate
Triethanolamine Hydrochloride	TEA-Hydrochloride
Triethanolamine Hydrogenated Tallow Glutamate	TEA-Hydrogenated Tallow Glutamate
Triethanolamine Lactate	TEA-Lactate
Triethanolamine Lauroyl Glutamate	TEA-Lauroyl Glutamate
Triethanolamine Lauroyl Lactylate	TEA-Lauroyl Lactylate
Triethanolamine Lauryl Aminopropionate	TEA-Lauraminopropionate
Triethanolamine Lauryl Ether Sulfate	TEA-Laureth Sulfate
Triethanolamine Lauryl Sulfate	TEA-Lauryl Sulfate
Triethanolamine Monooleamido- sulfosuccinate	TEA-Monooleamidossulfo- succinate
Triethanolamine Myristoyl Hydrolyzed Animal Protein	TEA-Myristoyl Hydrolyzed Animal Protein
Triethanolamine Oleate	TEA-Oleate
Triethanolamine Oleoyl Hydrolyzed Animal Protein	TEA-Oleoyl Hydrolyzed Animal Protein
Triethanolamine Oleoyl Sarcosinate	TEA-Oleoyl Sarcosinate
Triethanolamine Oleyl Sulfate	TEA-Oleyl Sulfate
Triethanolamine Palm Kernel Sarcosinate	TEA-Palm Kernel Sarcosinate
Triethanolamine-DL-2- Pyrrolidone-5-Carboxylate	TEA-PCA
Triethanolamine Salicylate	TEA-Salicylate
Triethanolamine Stearate	TEA-Stearate
Triethanolamine Tridecyl- benzenesulfonate	TEA-Tridecylbenzene- sulfonate
Triethanolamine Undecylenoyl Hydrolyzed Animal Protein	TEA-Undecylenoyl Hydrolyzed Animal Protein
Triethanolammonium Lauryl Sulfate	TEA-Lauryl Sulfate
Triethyl Citrate	Triethyl Citrate
Triethylene Glycol	Triethylene Glycol
Trifolium Extract	Clover Blossom Extract
Triglyceryl Diisostearate	Polyglyceryl-3 Diisostearate
Triglyceryl Monooleate	Polyglyceryl-3 Oleate
Triglyceryl Monostearate	Polyglyceryl-3 Stearate
Triglycol Distearate	PEG-3 Distearate
Tri(2-Hydroxyethyl)-Stearyl Ammonium Chloride	Quaternium-16
Trihydroxystearin	Trihydroxystearin
Triisopropanolamine	Triisopropanolamine
Triisopropanolamine Monostearate	TIPA-Stearate
Trilaneeth-4 Phosphate	Trilaneeth-4 Phosphate
Trilaureth-4 Phosphate	Trilaureth-4 Phosphate
Trilaurin	Trilaurin
Trilaurylamine	Trilaurylamine
Trimagnesium Phosphate	Trimagnesium Phosphate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Trimer Acid	Trimer Acid
Trimethyl Carbinol	t-Butyl Alcohol
Trimethylglycine	Betaine
3,5,5-Trimethylhexanol	Trimethylhexanol
Trimethylolnitromethane	Tris(Hydroxymethyl)Nitro- methane
Trimethylolpropane Triisostearate	Trimethylolpropane Triisostearate
Trimethylolpropane Trioctanoate	Trimethylolpropane Trioctanoate
Trimyristin	Trimyristin
Triol 700 (Union Carbide)	PPG-10 Glyceryl Ether
Triolein	Triolein
Trioleth-8 Phosphate	Trioleth-8 Phosphate
Trioleyl Phosphate	Trioleyl Phosphate
Tripalmitin	Tripalmitin
Tripropylene Glycol Monomethyl Ether	PPG-3 Methyl Ether
Tripropylene Glycol Myristyl Ether	PPG-3 Myristyl Ether
Tris Amino (Commercial Solvents)	Tromethamine
N <sup>1</sup> ,N <sup>4</sup> ,N <sup>4</sup> -Tris(2-Hydroxy- ethyl)-2-Nitro-p-Phenylene- diamine	HC Blue No. 2
Tris(Hydroxymethyl) Amino Methane	Tromethamine
N <sup>2</sup> -Tris(Hydroxymethyl)- Methyl-4-Nitro-o- Phenylenediamine	HC Yellow No. 3
Tris(Hydroxymethyl) Nitromethane	Tris(Hydroxymethyl)Nitro- methane
Tris Nitro (Commercial Solvents)	Tris(Hydroxymethyl)Nitro- methane
Trisodium Citrate	Sodium Citrate
Trisodium EDTA	Trisodium EDTA
Trisodium Ethylenediamine Tetraacetate	Trisodium EDTA
Trisodium HEDTA	Trisodium HEDTA
Trisodium Hydrogen Ethylene Diaminetetraacetate	Trisodium EDTA
Trisodium Hydroxyethyl Ethylenediaminetriacetate	Trisodium HEDTA
Trisodium Nitrilotriacetate	Trisodium NTA
Trisodium NTA	Trisodium NTA
Trisodium Phosphate	Trisodium Phosphate
*Trisolan (Malmstrom)	Isopropyl Lanolate (and) Lanolin
Trisolan LP (Malmstrom)	Isopropyl Lanolate (and) Lanolin
Tristearin	Tristearin
Triton GR-5 (Rohm & Haas)	Diocetyl Sodium Sulfosuccinate
Triton N-101 (Rohm & Haas)	Nonoxynol-10
Triton X-15 (Rohm & Haas)	Octoxynol-1
Triton X-35 (Rohm & Haas)	Octoxynol-3
Triton X-45 (Rohm & Haas)	Octoxynol-5
Triton X-100 (Rohm & Haas)	Octoxynol-9
Triton X-102 (Rohm & Haas)	Octoxynol-13
*Triton X-200 (Rohm & Haas)	Sodium Octoxynol-3 Sulfonate
Triton X-400 (Rohm & Haas)	Stearalkonium Chloride
Troclosene Potassium	Potassium Troclosene
Tromethamine	Tromethamine
Turkey-Red Oil	Sulfated Castor Oil
Turpentine	Turpentine
Turpinal 4NL (Henkel)	Tetrasodium Etidronate
Turtle Oil	Turtle Oil
Tween 20 (ICI United States)	Polysorbate 20
Tween 21 (ICI United States)	Polysorbate 21

**Tween 40 (ICI United States)**

**Unimate IPP (Union Camp)**

**CHEMICAL/TRADE NAME CTFA ADOPTED NAME†**

Tween 40 (ICI United States)	Polysorbate 40
Tween 60 (ICI United States)	Polysorbate 60
Tween 61 (ICI United States)	Polysorbate 61
Tween 65 (ICI United States)	Polysorbate 65
Tween 80 (ICI United States)	Polysorbate 80
Tween 81 (ICI United States)	Polysorbate 81
Tween 85 (ICI United States)	Polysorbate 85
— U —	
Ucar Latex Resin WC-130 (Union Carbide)	Polyvinyl Acetate
Ucon LB-65 (Union Carbide)	PPG-5 Butyl Ether
Ucon LB-135 (Union Carbide)	PPG-9 Butyl Ether
Ucon LB-165 (Union Carbide)	PPG-14 Butyl Ether
*Ucon LB-200 (Union Carbide)	PPG-14 Butyl Ether
Ucon LB-250 (Union Carbide)	PPG-14 Butyl Ether
Ucon LB-285 (Union Carbide)	PPG-15 Butyl Ether
*Ucon LB-300 (Union Carbide)	PPG-16 Butyl Ether
*Ucon LB-385 (Union Carbide)	PPG-18 Butyl Ether
Ucon LB-525 (Union Carbide)	PPG-22 Butyl Ether
Ucon LB-625 (Union Carbide)	PPG-24 Butyl Ether
*Ucon LB-1145 (Union Carbide)	PPG-33 Butyl Ether
*Ucon LB-1715 (Union Carbide)	PPG-40 Butyl Ether
Ucon LB-3000 (Union Carbide)	PPG-53 Butyl Ether
Ucon LO-500 (Union Carbide)	PPG-23 Oleyl Ether
Ucon LO-1000 (Union Carbide)	PPG-37 Oleyl Ether
*Ucon Propellant 11 (Union Carbide)	Chlorofluorocarbon 11
*Ucon Propellant 12 (Union Carbide)	Chlorofluorocarbon 12
*Ucon Propellant 114 (Union Carbide)	Chlorofluorocarbon 114
Ucon 25-H-2005 (Union Carbide)	PEG/PPG-23/50 Copolymer
*Ucon 50-HB-55 (Union Carbide)	PPG-2-Buteth-3
Ucon 50-HB-100 (Union Carbide)	PPG-3-Buteth-5
Ucon 50-HB-170 (Union Carbide)	PPG-5-Buteth-7
*Ucon 50-HB-260 (Union Carbide)	PPG-7-Buteth-10
Ucon 50-HB-400 (Union Carbide)	PPG-9-Buteth-12
*Ucon 50-HB-660 (Union Carbide)	PPG-12-Buteth-16
*Ucon 50-HB-1000 (Union Carbide)	PPG-15-Buteth-20
*Ucon 50-HB-2000 (Union Carbide)	PPG-20-Buteth-30
*Ucon 50-HB-3520 (Union Carbide)	PPG-28-Buteth-35
*Ucon 50-HB-5100 (Union Carbide)	PPG-33-Buteth-45
Ucon 75-H-450 (Union Carbide)	PEG/PPG-17/6 Copolymer
Ucon 75-H-490 (Union Carbide)	PEG/PPG-18/4 Copolymer
Ucon 75-H-1400 (Union Carbide)	PEG/PPG-35/9 Copolymer
Ucon 75-H-90000 (Union Carbide)	PEG/PPG-125/30 Copolymer
Ultima White (Penreco)	Petrolatum
Ultra Blue 3516 (Thomasset)	Ultramarine Blue
Ultra Blue 3522 (Thomasset)	Ultramarine Blue

**CHEMICAL/TRADE NAME CTFA ADOPTED NAME†**

Ultra Blue 3585 (Thomasset)	Kaolin (and) Chromium Hydroxide Green (and) Ultramarine Blue
Ultra Green 3586 (Thomasset)	Chromium Oxide Greens
Ultramarine Blue	Ultramarine Blue
Ultramarine Blue A-4575 (Kohnstamm)	Ultramarine Blue
Ultramarine Blue A-9829 (Kohnstamm)	Ultramarine Blue (and) Talc
Ultramarine Green	Ultramarine Green
Ultramarine Pink	Ultramarine Pink
Ultramarine Red	Ultramarine Red
Ultramarine Violet	Ultramarine Violet
Ultra NXS (Witco)	Ammonium Xylene Sulfonate
Ultra Pink 3520 (Thomasset)	Ultramarine Pink
Ultrarose 3515 (Thomasset)	Ultramarine Pink
Ultra STS (Witco)	Sodium Toluene Sulfonate
Ultra Sulfate AE-3 (Witco)	Ammonium Pareth-25 Sulfate
Ultra Sulfate SL-1 (Witco)	Sodium Lauryl Sulfate
Ultra SCS (Witco)	Sodium Cumene Sulfonate
Ultra SXS (Witco)	Sodium Xylene Sulfonate
Ultra Violet 3514 (Thomasset)	Ultramarine Violet
Ultravon CO (Ciba-Geigy)	Sodium 2-Undecylbenzimidazole Sulfonate
Ultrawet AOK (ARCO)	Sodium C14-16 Olefin Sulfonate
Ultrawet DS (ARCO)	Sodium Decylbenzenesulfonate
Ultrawet K (ARCO)	Sodium Dodecylbenzenesulfonate
Ultrawet SKHD (ARCO)	Sodium Dodecylbenzenesulfonate (and) Sodium Sulfate
Ultrawet 40SX (ARCO)	Sodium Xylene Sulfonate
Ultrawet 60K (ARCO)	Sodium Dodecylbenzenesulfonate
Ultrawet 60L (ARCO)	TEA-Dodecylbenzenesulfonate
Ultrawet 68 KN (ARCO)	Sodium Dodecylbenzenesulfonate (and) Laureth-10
Unamide J-56 (Lonza)	Lauramide DEA
Unamide JJ-35 (Lonza)	Cocamide DEA
Unamide N-72-3 (Lonza)	Cocamide DEA
Unamide S (Lonza)	Stearamide DEA
Undecenoic Acid	Undecylenic Acid
Undecylenamide DEA	Undecylenamide DEA
Undecylenamide MEA	Undecylenamide MEA
Undecylenic Acid	Undecylenic Acid
Undecylenoyl Diethanolamide	Undecylenamide DEA
Undecylenoyl Monoethanolamide	Undecylenamide MEA
2-Undecyl-1-Hydroxyethyl-3-Propanoic Acid Imidazoline	Amphoteric-11
Unilube MB-370 (Nippon Oil & Fats)	PPG-40 Butyl Ether
Unimate BYS (Union Camp)	Butyl Stearate
Unimate DBP (Union Camp)	Dibutyl Phthalate
Unimate DBS (Union Camp)	Dibutyl Sebacate
Unimate DIPS (Union Camp)	Diisopropyl Sebacate
Unimate DOS (Union Camp)	Diocetyl Sebacate
Unimate GMS (Union Camp)	Glyceryl Stearate
Unimate GMS-E (Union Camp)	Glyceryl Stearate SE
Unimate IPM (Union Camp)	Isopropyl Myristate
Unimate IPP (Union Camp)	Isopropyl Palmitate

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.



*Unimate IPS (Union Camp)*

*Vinol 540 (Air Products)*

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Unimate IPS (Union Camp)	Isopropyl Stearate
Unimate PGMS (Union Camp)	Propylene Glycol Stearate
Unimate 600 (Union Camp)	Dicapryl Adipate
Unimate 601 (Union Camp)	Dicapryl Adipate (and) Diisopropyl Sebacate
Unimate 605 (Union Camp)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate
Uniwax 1050 (Dura)	Synthetic Wax
Unjocol 50 (Fanning)	Oleyl Alcohol
Unjocol 70 (Fanning)	Oleyl Alcohol
Unjocol 90 (Fanning)	Oleyl Alcohol
Unjocol 110 (Fanning)	Oleyl Alcohol
*Uranine	D & C Yellow No. 8 (or) Acid Yellow 73 Sodium Salt ■
Uranine 3058 (Thomasset)	D & C Yellow No. 8
Urea	Urea
Urea-Formaldehyde Resin	Urea-Formaldehyde Resin
Urea Hydrogen Peroxide	Urea Peroxide
Urea Peroxide	Urea Peroxide
Urease	Urease
5-Ureidohydantoin	Allantoin
Uric Acid	Uric Acid
Uvinul D-49 (GAF)	Benzophenone-6
Uvinul D-50 (GAF)	Benzophenone-2
Uvinul DS-49 (GAF)	Benzophenone-9
Uvinul M-40 (GAF)	Benzophenone-3
Uvinul MS-40 (GAF)	Benzophenone-4
Uvinul 400 (GAF)	Benzophenone-1
Uvinul 490 (GAF)	Benzophenone-11
Uvitex SWN Conc (Ciba-Geigy)	Diethylamino Methyl-coumarin

— V —

Valerian	Valerian
*Valerian Extract	Valerian Extract
Vancide 89 RE (Vanderbilt)	Captan
Vanguard Red 3006 (Thomasset)	D & C Red No. 6 Barium Lake
Vanilla	Vanilla
Vanilla Flavor	Vanilla
Vanillin	Vanillin
Vanseal CS (Vanderbilt)	Cocoyl Sarcosine
Varamide A1 (Ashland)	Cocamide DEA
Varamide L1 (Ashland)	Lauramide DEA
Varamide MA-1 (Ashland)	Cocamide DEA
Varamide MA-4 (Ashland)	Lauramide DEA (and) Cocamide DEA (and) Myristamide DEA (and) Propylene Glycol
Varamide ML-1 (Ashland)	Lauramide DEA
Varion CADG (Ashland)	Cocamidopropyl Betaine
Varion CDG (Ashland)	Lauryl Betaine
Varisoft SDC (Ashland)	Stearalkonium Chloride
*Varisoft 100 (Ashland)	Quaternium-18
Varisoft 475 (Ashland)	Quaternium-27
Varonic L-205 (Ashland)	PEG-5 Soyamine

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Varonic U-250 (Ashland)	PEG-5 Tallow Amine
Varonic U-914 (Ashland)	PPG-3-Myreth-11
Varonic 400 MS (Ashland)	PEG-8 Stearate
Varonic 1000 MS (Ashland)	PEG-20 Stearate
Varonic 1800 MS (Ashland)	PEG-36 Stearate
Varonol TAS (Ashland)	TEA-Lauryl Sulfate
Varox 375-O (Ashland)	Cocamine Oxide
Varox 743 (Ashland)	Dihydroxyethyl Cocamine Oxide
Varox 1770 (Ashland)	Cocamine Oxide
Varsulf H-88 (Ashland)	Disodium Monocetearyl Sulfosuccinate
*Vat Blue 1	Vat Blue 1
Vat Blue 4	Vat Blue 4
*Vat Red 1	Vat Red 1
Vebafine A-616 (Dura)	Synthetic Wax
Veba-Wax A-217 (Dura)	Synthetic Wax
Veba-Wax A-227 (Dura)	Synthetic Wax
Veba-Wax A-235 (Dura)	Synthetic Wax
Veba-Wax A-310 (Dura)	Synthetic Wax
Veba-Wax A-415 (Dura)	Synthetic Wax
Veba-Wax A-560 (Dura)	Synthetic Wax
Veba-Wax A-616 (Dura)	Synthetic Wax
Veba-Wax FT-150 (Dura)	Synthetic Wax
Veba-Wax FT-150P (Dura)	Synthetic Wax
Veba-Wax FT-200 (Dura)	Synthetic Wax
Veba-Wax FT-300 (Dura)	Synthetic Wax
Veegum F (Vanderbilt)	Magnesium Aluminum Silicate
Veegum HV (Vanderbilt)	Magnesium Aluminum Silicate
Veegum K (Vanderbilt)	Magnesium Aluminum Silicate
Veegum Regular (Vanderbilt)	Magnesium Aluminum Silicate
Veegum Special (Vanderbilt)	Magnesium Aluminum Silicate
Vegetable Glycerides Phosphate	Vegetable Glycerides Phosphate
Vegetable Oil	Vegetable Oil
Vegetable Oil, Hydrogenated	Hydrogenated Vegetable Oil
Vegetable Oil 1400 (PVO)	Caprylic/Capric Triglyceride
Velvalan (Malmstrom)	Lanolin (and) Isopropyl Lanolate
Valvasil (General Electric)	Dimethicone
*Velvetex BA (Textilana)	Cocamidopropyl Betaine
*Velvetex BAW (Textilana)	Cocamidopropyl Betaine
Velvetex BC (Textilana)	Coco-Betaine
Velvetex BP (Textilana)	Cetyl Betaine
VEM 640-50% Solids Resin (Barr)	PVP/Ethyl Methacrylate/ Methacrylic Acid Polymer
Veragel Liquid (Dr. Madis Labs)	Aloe Juice
Veragel 200 (Dr. Madis Labs)	Aloe
*Veri Merrie Pink 3421 (Thomasset)	D & C Red No. 21 Zirconium Lake
Veri Pur Pink 3427 (Thomasset)	D & C Red No. 27
Versalide (Givaudan)	Acetyl Ethyl Tetramethyl Tetralin
Versene (Dow)	EDTA
Versene FE-3, Powder (Dow)	Tetrasodium EDTA (and) Sodium Dihydroxyethylglycinate
Versene Powder Tetra Sodium (Dow)	Tetrasodium EDTA
Versenex 80 (Dow)	Pentasodium Pentetate
Versenol (Dow)	Trisodium HEDTA
Verv (Patterson)	Calcium Stearoyl Lactylate
Viburnum	Viburnum
Viburnum Extract	Viburnum Extract
Viburnum Opulus	Viburnum
Viburnum Prunifolium Extract	Viburnum Extract
Victoria Pure Blue BO (DuPont)	Basic Blue 7
Vigilan (Fanning)	Lanolin Oil
*Vinol 540 (Air Products)	Polyvinyl Acetate

## Vintage Red 3107 (Thomasset)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Vintage Red 3107 (Thomasset)	D & C Red No. 7 Calcium Lake
Vinyl Acetate	Vinyl Acetate
Vinyl Acetate/Crotonates Polymer	Vinyl Acetate/Crotonates Polymer
Vinyl Acetate/Crotonic Acid Copolymer	Vinyl Acetate/Crotonic Acid Copolymer
Vinyl Acetate/Crotonic Acid/Methacryloxybenzophenone-1 Polymer	Vinyl Acetate/Crotonic Acid/Methacryloxybenzophenone-1 Polymer
Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer	Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer
Vinylpyrrolidone/Styrene Copolymer	Vinylpyrrolidone/Styrene Copolymer
*Violet No. 1 (Japan)	Acid Violet 49
*Violet No. 201 (Japan)	D & C Violet No. 2 (or) Solvent Violet 13 ■
*Violet No. 401 (Japan)	Ext. D & C Violet No. 2 (or) Acid Violet 43 ■
*Viosterol	Ergocalciferol
*Viscarin (Marine Colloids)	Sodium Carrageenan
Viscarin TP-4 (Marine Colloids)	Sodium Carrageenan
*Viscarin 402 (Marine Colloids)	Carrageenan
Viscasil (General Electric)	Dimethicone
Viscolan (Amerchol)	Lanolin Oil
Viscum Alba	Mistletoe
Vita-Cos	Wheat Germ Glycerides
*Vitamin A	Retinol
*Vitamin A Palmitate	Retinyl Palmitate
*Vitamin A Palmitate Type PIMO No. 83828 (Roche)	Corn Oil (and) Retinyl Palmitate
*Vitamin A Palmitate with Vitamin D <sub>2</sub> No. 63898 (Roche)	Vegetable Oil (and) Retinyl Palmitate (and) Ergocalciferol
Vitamin B <sub>5</sub> , Calcium Salt	Calcium Pantothenate
Vitamin B <sub>6</sub> Dioctenoate	Pyridoxine Dioctenoate
Vitamin B <sub>6</sub> Dipalmitate	Pyridoxine Dipalmitate
Vitamin B <sub>6</sub> Hydrochloride	Pyridoxine HCl
Vitamin B <sub>6</sub> Tripalmitate	Pyridoxine Tripalmitate
Vitamin C	Ascorbic Acid
*Vitamin D	Ergocalciferol
*Vitamin D <sub>2</sub>	Ergocalciferol
*Vitamin E	Tocopherol
*Vitamin E Acetate	Tocopheryl Acetate
*Vitamin E Acetate No. 60526 (Roche)	Tocopheryl Acetate
*Vitamin E No. 60524 (Roche)	Tocopherol
*Vitamin E Succinate	Tocopheryl Succinate
Vitamin H	Biotin
Vitamin K <sub>3</sub>	Menadione
Vitaplant CLR Water-Soluble (Kurt Richter)	Coneflower Extract (and) Aloe Extract
Volatile Silicone 7158 (Union Carbide)	Cyclomethicone
Volatile Silicone 7207 (Union Carbide)	Cyclomethicone
Volpo S.2 (Croda)	Steareth-2
Volpo S.10 (Croda)	Steareth-10
Volpo S.20 (Croda)	Steareth-20
Volpo 3 (Croda)	Oleth-3
Volpo 3-A10 (Croda)	Oleth-3
Volpo 5 (Croda)	Oleth-5
Volpo 10 (Croda)	Oleth-10
Volpo 20 (Croda)	Oleth-20
Voranol CP-700 (Dow)	PPG-10 Glyceryl Ether
Vulca 90 (National Starch)	Glyceryl Starch

— W —

Walnut Extract Walnut Extract  
Walnut Shell Powder Walnut Shell Powder

## Wild Chamomile Oil

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Water	Water
Waxenol 801 (Wickhen)	Arachidyl Propionate
Waxolan (Amerchol)	Lanolin Wax
Wecobee M (PVO)	Hydrogenated Vegetable Oil
Wecobee R (PVO)	Hydrogenated Vegetable Oil
Wecobee S (PVO)	Hydrogenated Vegetable Oil
Wecobee SS (PVO)	Hydrogenated Vegetable Oil
Wecobee W (PVO)	Hydrogenated Vegetable Oil
Wecoline 1245 (PVO)	Coconut Acid
Wecoline 1250 (PVO)	Coconut Acid
Wecoline 1260-A (PVO)	Coconut Acid
Wecoline 1295 (PVO)	Lauric Acid
WF-9 Shell Flour (Agrashell)	Walnut Shell Powder
Wheat Flour	Wheat Flour
Wheat Germ	Wheat Germ
Wheat Germ Extract	Wheat Germ Extract
Wheat Germ Glycerides	Wheat Germ Glycerides
Wheat Germ Oil	Wheat Germ Oil
Wheat Gluten	Wheat Gluten
Wheat Starch	Wheat Starch
White Ceresin Wax	Ceresin
White Ozokerite Wax	Ceresin
*Whole Dried Egg	Egg Powder
Whole Fresh Eggs	Egg
Wickenol 101 (Wickhen)	Isopropyl Myristate
Wickenol 105 (Wickhen)	Isopropyl Myristate (and) Isopropyl Palmitate
Wickenol 111 (Wickhen)	Isopropyl Palmitate
Wickenol 116 (Wickhen)	Diisopropyl Adipate
Wickenol 117 (Wickhen)	Diisopropyl Sebacate
Wickenol 119 (Wickhen)	Diisocetyl Adipate
Wickenol 121 (Wickhen)	Isocetyl Stearate
Wickenol 122 (Wickhen)	Butyl Stearate
Wickenol 127 (Wickhen)	Isopropyl Stearate
Wickenol 129 (Wickhen)	Isopropyl Linoleate
Wickenol 131 (Wickhen)	Isopropyl Isostearate
Wickenol 136 (Wickhen)	Isopropyl Palmitate (and) Isopropyl Myristate (and) Isopropyl Stearate
Wickenol 141 (Wickhen)	Butyl Myristate
Wickenol 143 (Wickhen)	Oleyl Oleate
Wickenol 151 (Wickhen)	Isononyl Isononanoate
Wickenol 152 (Wickhen)	Isodecyl Isononanoate
Wickenol 153 (Wickhen)	Isotridecyl Isononanoate
Wickenol 155 (Wickhen)	Octyl Palmitate
Wickenol 156 (Wickhen)	Octyl Stearate
Wickenol 158 (Wickhen)	Diocetyl Adipate
Wickenol 159 (Wickhen)	Diocetyl Succinate
Wickenol 161 (Wickhen)	Diocetyl Adipate (and) Octyl Stearate (and) Octyl Palmitate
Wickenol 163 (Wickhen)	Diocetyl Adipate (and) Octyl Stearate (and) Octyl Palmitate
Wickenol 171 (Wickhen)	Octyl Hydroxystearate
Wickenol 303 (Wickhen)	Aluminum Chlorohydrate
Wickenol 321 (Wickhen)	Aluminum Chlorohydrate
Wickenol 323 (Wickhen)	Aluminum Chlorohydrate
Wickenol 324 (Wickhen)	Aluminum Chlorohydrate
Wickenol 340 (Wickhen)	Sodium Aluminum Lactate
*Wickenol 363D (Wickhen)	Aluminum Chlorohydrate
Wickenol 371 (Wickhen)	Zirconium Chlorohydrate
Wickenol 535 (Wickhen)	Wheat Germ Glycerides
Wickenol 543 (Wickhen)	Glucose Glutamate
Wickenol 545 (Wickhen)	Glucose Glutamate
Wickenol 707 (Wickhen)	PPG-30 Cetyl Ether
Wickenol 717 (Wickhen)	PPG-30 Isocetyl Ether
Wickenol 727 (Wickhen)	PPG-30 Lanolin Ether
Wild Chamomile Extract	Matricaria Extract
Wild Chamomile Oil	Matricaria Oil

## Wild Cherry

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Wild Cherry	Wild Cherry
*Wild Cherry Extract	Wild Cherry Extract
Wild Indigo	Wild Indigo
Wild Thyme Extract	Wild Thyme Extract
Winterbloom	Witch Hazel
Witcamide MAS (Witco)	Stearamide MEA-Stearate
Witcamide MM (Witco)	Myristamide MEA
Witcamide 61 (Witco)	Oleamide MIPA
Witcamide 70 (Witco)	Stearamide MEA
Witcamide 1017 (Witco)	Cocamide DEA
Witcamide 5130 (Witco)	Cocamide DEA
Witcamide 5195 (Witco)	Lauramide DEA
Witch Hazel	Witch Hazel
Witch Hazel Distillate	Witch Hazel Distillate
Witch Hazel Extract	Witch Hazel Extract
Witco Aluminum Monostearate U.S.P. (Witco)	Aluminum Stearate
Witco Aluminum Stearate 132 (Witco)	Aluminum Tristearate
Witco Impalpable Calcium Stearate M (Witco)	Calcium Stearate
Witcolate 1050 (Witco)	Sodium Pareth-25 Sulfate
Witco Magnesium Stearate U.S.P. (Witco)	Magnesium Stearate
Witconate 79S (Witco)	TEA-Dodecylbenzene-sulfonate
Witconol APEM (Witco)	PPG-3-Myreth-3
Witconol APM (Witco)	PPG-3 Myristyl Ether
Witconol APS (Witco)	PPG-11 Stearyl Ether
Witconol CA (Witco)	Glyceryl Stearate SE
Witconol CC-43 (Witco)	PPG-55 Glyceryl Ether
Witconol CD-18 (Witco)	PPG-27 Glyceryl Ether
Witconol F26-46 (Witco)	PPG-36 Oleate
Witconol MS (Witco)	Glyceryl Stearate
Witconol MST (Witco)	Glyceryl Stearate
Witconol PS-50 (Witco)	Propylene Glycol Stearate
Witconol RHT (Witco)	Glyceryl Stearate SE
Witconol 14 (Witco)	Polyglyceryl-4 Oleate
Witconol 18L (Witco)	Polyglyceryl-4 Isostearate
Witco Sodium Oleate (Witco)	Sodium Oleate
Witco Sodium Stearate C-1 (Witco)	Sodium Stearate
Witco Sodium Stearate C-6 (Witco)	Sodium Stearate
Witco Zinc Stearate U.S.P. (Witco)	Zinc Stearate
Wood Pulp, Bleached	Cellulose
Wood Tar	Wood Tar
Wool Fat	Lanolin
Wool Wax	Lanolin
Wool Wax Alcohol	Lanolin Alcohol
WSP-A200 Alco-Pro (Inolex)	Myristoyl Hydrolyzed Animal Protein
WSP-A200 Aqua-Pro (Inolex)	TEA-Myristoyl Hydrolyzed Animal Protein
WSP-A200 Dry (Inolex)	Myristoyl Hydrolyzed Animal Protein
WSP-A200T (Inolex)	TEA-Myristoyl Hydrolyzed Animal Protein
WW Wood Rosin	Rosin

### — X —

Xanthan	Xanthan Gum
Xanthan Gum	Xanthan Gum
Xylene	Xylene
Xylene Dark Green B (Sandoz)	Acid Green 20
Xylene Fast Yellow-ES (Sandoz)	Acid Orange 3

## Zinc Undecylenate

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
— Y —	
Y-4854 Silicone (Union Carbide)	Dimethicone
Yarrow Extract	Yarrow Extract
Yarrow Oil	Yarrow Oil
YB-20 (Salomon & Bro.)	Fullers Earth
Yellow Lake (Sun)	D & C Yellow No. 5 Aluminum Lake
Yellow Lake 3105 (Thomasset)	D & C Yellow No. 5 Aluminum Lake
Yellow Mercuric Oxide	Mercuric Oxide
*Yellow No. 4 (Japan)	FD & C Yellow No. 5 (or) Acid Yellow 23 ■
*Yellow No. 201 (Japan)	D & C Yellow No. 7 (or) Acid Yellow 73 ■
*Yellow No. 202(1) (Japan)	D & C Yellow No. 8 (or) Acid Yellow 73 Sodium Salt ■
*Yellow No. 203 (Japan)	D & C Yellow No. 10 (or) Acid Yellow 3 ■
*Yellow No. 204 (Japan)	D & C Yellow No. 11 (or) Solvent Yellow 33 ■
*Yellow No. 403(1) (Japan)	Ext. D & C Yellow No. 7 (or) Acid Yellow 1 ■
*Yellow No. 406 (Japan)	Ext. D & C Yellow No. 1 (or) Acid Yellow 36 ■
*Yellow No. 407 (Japan)	Acid Yellow 11
Yucca	Yucca
Yuccafoam (Ritter)	Yucca
— Z —	
Zein	Zein
Zeo 49 (Huber)	Hydrated Silica
Zeofree 80 (Huber)	Hydrated Silica
Zeofree 153 (Huber)	Hydrated Silica
Zeolex 23A (Huber)	Sodium Silicoaluminate
Zeolex 35 (Huber)	Sodium Silicoaluminate
Zeosyl 200 (Huber)	Hydrated Silica
Zeothix 95 (Huber)	Hydrated Silica
Zeothix 106 (Huber)	Hydrated Silica
Zephiran Chloride (Winthrop)	Benzalkonium Chloride
Zetar (Dermik Labs)	Coal Tar
Zinc Bis(2-Pyridylthio)-N-Oxide	Zinc Pyrithione
Zinc Borate	Zinc Borate
Zinc Carbonate	Zinc Carbonate
Zinc Chloride	Zinc Chloride
Zinc Formaldehyde Sulfoxylate	Zinc Formaldehyde Sulfoxylate
Zinc Hydrolyzed Animal Protein	Zinc Hydrolyzed Animal Protein
Zinc Laurate	Zinc Laurate
Zinc Myristate	Zinc Myristate
Zinc Neodecanoate	Zinc Neodecanoate
Zinc Omadine (Olin)	Zinc Pyrithione
Zinc Oxide	Zinc Oxide
Zinc Peroxide	Zinc Peroxide
Zinc Phenolsulfonate	Zinc Phenolsulfonate
Zinc Pyrithione	Zinc Pyrithione
Zinc Stearate	Zinc Stearate
Zinc Sulfate	Zinc Sulfate
Zinc Sulfide	Zinc Sulfide
Zinc Sulfo-carbolate	Zinc Phenolsulfonate
Zinc Superoxide	Zinc Peroxide
Zinc Ten-Cem (Mooney)	Zinc Neodecanoate
Zinc Undecenoate	Zinc Undecylenate
Zinc Undecylenate	Zinc Undecylenate

Zirconium Chlorohydrate

3455 Sunset Orange (Thomasset)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
Zirconium Chlorohydrate	Zirconium Chlorohydrate
*Zirconium Oxychloride	Zirconyl Chloride
Zirconium Silicate	Zirconium Silicate
Zirconyl Chloride	Zirconyl Chloride
Zinconyl Hydroxychloride	Zirconium Chlorohydrate
18G (Mitsubishi)	Isostearyl Alcohol
78-1567 (National Starch)	Starch Diethylaminoethyl Ether
78-1568 (National Starch)	Starch Diethylaminoethyl Ether
78-1712 (National Starch)	Starch Diethylaminoethyl Ether
1112 Lo Micron Scarlet (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
1667 Cosmetic Ochre (Kohnstamm)	Iron Oxides (and) Talc
2011 Lo Micron Red (Thomasset)	Iron Oxides (and) Talc
2040 Pur Oxy Red (Thomasset)	Iron Oxides
2500 Lo Micron Suntan (Thomasset)	Iron Oxides (and) Talc
2502 Lo Micron Suntan (Thomasset)	Iron Oxides (and) Talc
2503 Lo Micron Red (Thomasset)	Iron Oxides (and) Talc
2505 Lo Micron Red (Thomasset)	Talc (and) Iron Oxides (and) Kaolin
2509 Lo Micron Suntan (Thomasset)	Iron Oxides (and) Talc
2511 Lo Micron Pink (Thomasset)	Iron Oxides (and) Talc
2513 Lo Micron Red (Thomasset)	Iron Oxides (and) Talc
2515 Lo Micron Black (Thomasset)	Iron Oxides (and) Talc
2516 Lo Micron Ultra Blue (Thomasset)	Ultramarine Blue (and) Talc
2523 Carnation Red (Thomasset)	D & C Red No. 9 Zirconium Lake
2524 Color Blend (Thomasset)	Iron Oxides (and) Talc
2530 Lo Micron Suntan (Thomasset)	Iron Oxides (and) Talc
2576 Lo Micron Yellow (Thomasset)	Iron Oxides (and) Talc
2582 Lo Micron Brown (Thomasset)	Iron Oxides (and) Talc
2593 Lo Micron Brown (Thomasset)	Iron Oxides (and) Talc
2600 Lo Micron Yellow (Thomasset)	Iron Oxides (and) Talc
2673 Cosmetic Raw Sienna (Kohnstamm)	Talc (and) Iron Oxides
2736 Lo Micron Umber (Thomasset)	Iron Oxides (and) Talc
2770 Cosmetic Sun Tan (Kohnstamm)	Talc (and) Iron Oxides
3003 Regal Red (Thomasset)	D & C Red No. 3 Aluminum Lake
3006 Vanguard Red (Thomasset)	D & C Red No. 6 Barium Lake
3007 Rubinola Red (Thomasset)	D & C Red No. 7 Calcium Lake
3009 Atomic Red (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
3012 Bali Red (Thomasset)	D & C Red No. 12 Barium Lake
3013 Brilliant Red (Thomasset)	D & C Red No. 13 Strontium Lake
3019 Shanghai Red (Thomasset)	D & C Red No. 19 Aluminum Lake
*3030 Heidi Rose (Thomasset)	D & C Red No. 30 Lake
3058 Uranine (Thomasset)	D & C Yellow No. 8
3060 Pur Oxy Brown (Thomasset)	Iron Oxides

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
3064 Sunkist Orange (Thomasset)	D & C Orange No. 4 Aluminum Lake
3068 Pur Oxy Black (Thomasset)	Iron Oxides
3074 Lo Micron Yellow (Thomasset)	Iron Oxides (and) Talc
3080 Pur Oxy Red (Thomasset)	Iron Oxides
3088 Lo Micron Tan (Thomasset)	Iron Oxides (and) Talc
3089 Lo Micron Sienna (Thomasset)	Iron Oxides (and) Talc
3105 Yellow Lake (Thomasset)	D & C Yellow No. 5 Aluminum Lake
3106 Rubine Lake (Thomasset)	D & C Red No. 6 Barium Lake
3107 Vintage Red (Thomasset)	D & C Red No. 7 Calcium Lake
3109 Astro Orange (Thomasset)	D & C Red No. 9 Barium/Strontium Lake
3110 Diiodo Fluorescein (Thomasset)	D & C Orange No. 10
3121 Pagoda Red (Thomasset)	D & C Red No. 21 Aluminum Lake
3127 Rocket Red (Thomasset)	D & C Red No. 27 Aluminum Lake
*3136 Pico Orange (Thomasset)	D & C Red No. 36 Lake
3170 Pur Oxy Yellow (Thomasset)	Iron Oxides
3171 Pur Oxy Brown (Thomasset)	Iron Oxides
3172 Pur Oxy Yellow (Thomasset)	Iron Oxides
3173 Pur Oxy Yellow Hi-Trans (Thomasset)	Iron Oxides
3176 Pur Oxy Brown (Thomasset)	Iron Oxides
3178 Pur Oxy Yellow (Thomasset)	Iron Oxides
3179 Pur Oxy Sienna (Thomasset)	Iron Oxides
3180 Pur Oxy Brown (Thomasset)	Iron Oxides
3181 Pur Oxy Orange (Thomasset)	Iron Oxides
3183 Pur Oxy Brown (Thomasset)	Iron Oxides
3184 Pur Oxy Rust (Thomasset)	Iron Oxides
3187 Pur Oxy Brown (Thomasset)	Iron Oxides
3190 Pur Oxy Black (Thomasset)	Iron Oxides
3210 Diiodo Fluorescein (Thomasset)	D & C Orange No. 10
3236 Tiger Orange (Thomasset)	D & C Red No. 36
3315 Pur Oxy Umber (Thomasset)	Iron Oxides
3320 Pur Oxy Umber (Thomasset)	Iron Oxides
3334 D & C Red Mix (Thomasset)	D & C Red No. 7 Calcium Lake (and) FD & C Blue No. 1 Aluminum Lake (and) D & C Red No. 19 Aluminum Lake
*3336 Hue Orange (Thomasset)	D & C Red No. 36 Lake
3382 Cosmetic Ochre (Kohnstamm)	Iron Oxides (and) Talc
3407 Nail Pink (Thomasset)	D & C Red No. 7 Zirconium Lake
3421 Veri Merrie Pink (Thomasset)	D & C Red No. 21 Zirconium Lake
3427 Veri Pur Pink (Thomasset)	D & C Red No. 27
3455 Sunset Orange (Thomasset)	D & C Orange No. 5 Zirconium Lake

†In some instances the CTFA Adopted Name does not reflect all components present. See important Regulatory Information on page xvii.

## 3469 Cosmetic Red (Kohnstamm)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
3469 Cosmetic Red (Kohnstamm)	Iron Oxides
3506 Cosmetic Ochre (Kohnstamm)	Iron Oxides
3511 Pur Oxy Red (Thomasset)	Iron Oxides
3512 Pur Manganese Violet (Thomasset)	Manganese Violet
3514 Ultra Violet (Thomasset)	Ultramarine Violet
3515 Ultra Rose (Thomasset)	Ultramarine Pink
3516 Ultra Blue (Thomasset)	Ultramarine Blue
3520 Ultra Pink (Thomasset)	Ultramarine Pink
3522 Ultra Blue (Thomasset)	Ultramarine Blue
3528 Lo Micron Umber (Thomasset)	Iron Oxides (and) Talc
3535 Eye Shadow Rose (Thomasset)	Ultramarine Pink (and) Talc
3541 Lo Micron Extender Umber (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
3545 Hilite Coppertone (Thomasset)	Mica (and) Titanium Dioxide (and) Iron Oxides
3551 Pur Oxy Red (Thomasset)	Iron Oxides
3553 Pur Oxy Red Hi-Trans (Thomasset)	Iron Oxides
3554 Pur Oxy Orange Hi-Trans (Thomasset)	Iron Oxides
3566 Lo Micron Yellow Extender (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
3567 Lo Micron Brown (Thomasset)	Iron Oxides (and) Talc
3571 Lo Micron Pink (Thomasset)	Iron Oxides (and) Talc
3572 Lo Micron Pink Extender (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide
3580 Pur Oxy Red Extender (Thomasset)	Iron Oxides (and) Talc (and) Titanium Dioxide

## 7289 Orchid Pink (Thomasset)

CHEMICAL/TRADE NAME	CTFA ADOPTED NAME†
3585 Ultra Blue (Thomasset)	Kaolin (and) Chromium Hydroxide Green (and) Ultramarine Blue
3586 Ultra Green (Thomasset)	Chromium Oxide Greens
3591 Pur Oxy Blue (Thomasset)	Ferric Ferrocyanide
3593 Pur Oxy Brown (Thomasset)	Iron Oxides
3597 Lo Micron Green (Thomasset)	Chromium Hydroxide Green
3599 Pur Oxy Brown (Thomasset)	Iron Oxides
3607 Mini Red (Thomasset)	D & C Red No. 7 Calcium Lake
3621 Pale Bromo (Thomasset)	D & C Red No. 21
3655 Hi Tri Di (Thomasset)	D & C Orange No. 5
4075 Lo Micron Brown (Thomasset)	Iron Oxides (and) Talc
4511 Lo Micron Pink (Thomasset)	Iron Oxides (and) Talc
5205 Dawn Orange (Thomasset)	D & C Orange No. 5 Zirconium Lake
5217 Lo Micron Yellow Lake (Thomasset)	D & C Yellow No. 5 Aluminum Lake
5305 Flame Orange (Thomasset)	D & C Orange No. 5 Zirconium Lake
5521 Rose Pink (Thomasset)	D & C Red No. 21 Zirconium Lake
7047 Petite Pink (Thomasset)	D & C Red No. 27 Zirconium Lake
7236 Petite Orange (Thomasset)	D & C Orange No. 5 Zirconium Lake
7252 Merrie Pink (Thomasset)	D & C Red No. 21 Zirconium Lake
7289 Orchid Pink (Thomasset)	D & C Red No. 19 Zirconium Lake



# SECTION SEVEN

# Supplier Index

## — A —

### **ABBOTT LABORATORIES CHEMICAL MARKETING DIVISION**

1400 Sheridan Road  
North Chicago, Illinois 60064  
312/688-6100  
*Butesin*

### **ACETO CHEMICAL COMPANY, INC.**

126-02 Northern Boulevard  
Flushing, New York 11368  
212/898-2300  
*Acetoquat CPC*  
*Acetoquat CTAB*

### **AGRASHELL, INC.**

R.D. #2  
Bethlehem, Pennsylvania 18017  
215/837-6705  
*WF-9 Shell Flour*

### **AIR PRODUCTS & CHEMICALS, INC.**

Chemicals Group  
5 Executive Mall  
Swedesford Road  
Wayne, Pennsylvania 19087  
215/687-6150  
*Surfynol 82*  
*Surfynol 104*  
*Vinol 540*

### **AJINOMOTO U.S.A., INC.**

745 Fifth Avenue  
New York, New York 10022  
212/688-8360  
*Ajidew A-100*  
*Ajidew N-50*  
*Amisoft CS-11*  
*Amisoft CT-12*  
*Amisoft GS-11*

*Amisoft HS-11*  
*Amisoft HT-12*  
*Amisoft LS-11*  
*Amisoft LT-12*

### **ALBRIGHT & WILSON, LTD.**

Marchon Division  
Whitehaven  
Cumbria CA28 9QQ England  
*Empicol ESB30*  
*Empilan CDE*  
*Empilan LIS*

### **ALCOLAC, INC.**

3440 Fairfield Road  
Baltimore, Maryland 21226  
301/355-2600

*Alacsan 7LUF*  
*Sipex EC-111*  
*Sipex SB*  
*Sipex SD*  
*Sipon EA*  
*Sipon EAC*  
*Sipon ES*  
*Sipon ESY*  
*Sipon L22*  
*Sipon LM*  
*Sipon LS*  
*Sipon LSB*  
*Sipon LT6*  
*Sipon TLS-65*  
*Sipon WD*

*Siponic E-3*  
*Siponic E-5*  
*Siponic E-10*  
*Siponic E-15*  
*Siponic L-1*  
*Siponic L-3*  
*Siponic L-4*  
*Siponic L-12*  
*Siponic L-25*  
*Siponic Y-050*  
*Siponic Y-100*  
*Siponic Y-150*  
*Siponic Y-500*  
*Siponic Y-500-70*  
*Siponic Y-501*

### **ALLIED CHEMICAL CORPORATION**

Specialty Chemicals Division  
P.O. Box 1087R  
Morristown, New Jersey 07960  
201/455-4951

*A-C Copolymer #540*  
*A-C Polyethylene*  
*Grade 6*  
*A-C Polyethylene*  
*Grade 6A*  
*A-C Polyethylene*  
*Grade 9*  
*A-C Polyethylene*  
*Grade 9A*  
*A-C Polyethylene*  
*Grade 617*

*A-C Polyethylene*  
*Grade 617A*  
*Allura Red AC*  
*Erie Brown 3GN*  
*Genetron 11*  
*Genetron 12*  
*Genetron 22*  
*Genetron 114*  
*Genetron 142B*  
*Genetron 152A*  
*Sno Flake*  
*Snow Fine*

## Amerchol

### AMERCHOL

Unit of CPC International, Inc.  
Talmadge Road  
Edison, New Jersey 08817  
201/287-1600

Acetulan	Glucam P-20
Amerchol BL	Modulan
Amerchol C	OHlan
Amerchol CAB	Polylan
Amerchol H-9	Ricilan B
Amerchol L-99	Ricilan C
Amerchol L-101	Solulan C-24
Amerchol L-500	Solulan HC
Amerchol RC	Solulan L-575
Amerchol 400	Solulan PB-2
Amerlate LFA	Solulan PB-5
Amerlate P	Solulan PB-10
Amerlate W	Solulan PB-20
Amerlate WFA	Solulan 5
Ameroxol OE-2	Solulan 16
Ameroxol OE-10	Solulan 25
Ameroxol OE-20	Solulan 75
Amerscreen P	Solulan 97
Chemactant SF 225	Solulan 98
Glucam E-10	Viscolan
Glucam E-20	Waxolan
Glucam P-10	

### AMERICAN CAN COMPANY

Chemical Products  
American Lane  
Greenwich, Connecticut 06830  
203/552-3784

Maracell E	Marasperse N-22
Marasperse C-21	Norlig 11
Marasperse CB	Norlig 12

### AMERICAN CYANAMID COMPANY

Fine Chemicals Department  
Middletown Road  
Pearl River, New York 10965  
914/735-4892

Gelamide-250	Spectra-Sorb UV 9
Solusol-75%	Spectra-Sorb UV 24
Solusol-85%	Spectra-Sorb UV 284
Solusol-100%	

### AMERICAN CYANAMID COMPANY

Industrial Chemicals and Plastics Division  
859 Berdan Avenue  
Wayne, New Jersey 07470  
201/831-1234

Aerosol A-102	Aerosol OTB
Aerosol A-103	Aerosol TR-70
Aerosol A-196	Aerosol 18
Aerosol A-268	Aerosol 22
Aerosol AY-65	Beetle 227-8
Aerosol AY-100	Cyanamer P-250
Aerosol IB-45	Product E-413
Aerosol MA-80	TEA-Oleoyl/Cocoyl
Aerosol OT	Sarcosinate
Aerosol OT-100	

### AMERICAN HOECHST CORPORATION

Dyes and Pigments Division  
Route 202-206 North  
Somerville, New Jersey 08876  
201/685-2000

Arkopal N-040	Arkopal N-300
Arkopal N-060	Clouding Agent TS
Arkopal N-080	Genamin KDM
Arkopal N-090	Genamin KS5
Arkopal N-100	Genapol CRO Liquid
Arkopal N-110	Genapol CRO Paste
Arkopal N-130	Genapol LRO Liquid
Arkopal N-150	Genapol LRO Paste
Arkopal N-230	Genapol LRT 40

## Arizona Chemical Company

Genapol PMS	Hostaphat KW340N
Genapol TS Powder	Hostapon CT
Hoechst Wax BJ	Hostapon T
Hoechst Wax E	Locron Extra
Hoechst Wax F	Locron Flakes
Hoechst Wax S	Locron Powder
Hostacerin DGO	Locron Solution
Hostacerin O5	Pearlescing Agent MS
Hostacerin T3	Pearl Luster Agent MS
Hostaphat KL340N	Sarkosine KA Conc
Hostaphat KO300	Sarkosine KF
Hostaphat KO380	Sarkosine LD

### AMERICAN LECITHIN COMPANY, INC.

32-34 61st Street  
Woodside, L.I., New York 11377  
212/274-4350

Alcolec D	Alcolec PSH
Alcolec DS	Alcolec 435
Alcolec DS-A	Lexinol M-29
Alcolec Granules	

### AMOCO CHEMICALS CORPORATION

200 East Randolph Drive  
P.O. Box 8640A  
Chicago, Illinois 60680  
312/856-4420  
Indopol H-100

### AMOCO OIL COMPANY

200 East Randolph Drive  
P.O. Box 6110A  
Chicago, Illinois 60680

Amoco White Mineral Oil #5 NF	Amoco White Mineral Oil #31 USP
Amoco White Mineral Oil #7 NF	Amoco White Mineral Oil #35 USP
Amoco White Mineral Oil #9 NF	Amojell Petrolatum Cream
Amoco White Mineral Oil #10 NF	Amojell Petrolatum Snow White
Amoco White Mineral Oil #13 NF	Eskar Wax MY-65
Amoco White Mineral Oil #18 USP	Eskar Wax R-25
Amoco White Mineral Oil #21 USP	Eskar Wax R-35
	Eskar Wax R-40
	Eskar Wax R-45

### ANHEUSER-BUSCH, INC.

Industrial Products Division  
2800 South 9th Street  
St. Louis, Missouri 63118  
314/577-3118  
Powdered Egg White

### ARCO CHEMICAL COMPANY

Division of Atlantic Richfield Company  
1500 Market Street  
Philadelphia, Pennsylvania 19101  
215/557-2000

ARCO	Ultrawet 40SX
Ultrawet AOK	Ultrawet 60K
Ultrawet DS	Ultrawet 60L
Ultrawet K	Ultrawet 68KN
Ultrawet SKHD	

### ARIZONA CHEMICAL COMPANY

Berdan Avenue  
Wayne, New Jersey 07470  
201/839-6200

Acintol EPG
Acintol FA-1
Acintol FA-2



**ARMAK COMPANY**

Armak Industrial Chemicals Division  
 Box 1805  
 Chicago, Illinois 60690  
 312/786-0400

Armeen C Ethomeen C/12  
 Armeen CD Ethomeen C/15  
 Armeen DMCD Ethomeen C/20  
 Armeen DMHTD Ethomeen C/25  
 Armeen DMMCD Ethomeen O/12  
 Armeen DMSD Ethomeen O/15  
 Armeen DM12D Ethomeen O/25  
 Armeen DM14D Ethomeen S/12  
 Armeen DM16D Ethomeen S/15  
 Armeen DM18D Ethomeen S/20  
 Armeen HTD Ethomeen S/25  
 Armeen O Ethomeen T/12  
 Armeen OD Ethomeen T/15  
 Armeen S Ethomeen T/25  
 Armeen SD Ethomeen 18/12  
 Armeen TD Ethomeen 18/15  
 Armeen Z Ethomeen 18/20  
 Armeen 2C Ethomeen 18/25  
 Armeen 2HT Ethomeen 18/60  
 Armeen 2S Ethomid HT/15  
 Armeen 12 Ethomid HT/60  
 Armeen 12D Ethomid O/15  
 Armeen 16D Ethoquad C/12  
 Armeen 18 Ethoquad C/25  
 Armeen 18D Ethoquad O/12  
 Armid C Ethoquad O/25  
 Armid HT Ethoquad 18/12  
 Armid O Ethoquad 18/25  
 Armid 18 Kessco Butyl Stearate  
 Armosoft L Kessco Diethylene Glycol  
 Armosoft M Monostearate  
 Armotan ML Kessco Diglycol  
 Armotan MO Laurate A-Neutral  
 Armotan MS Kessco Diglycol  
 Armotan PML-20 Laurate ASE  
 Armotan PMO-20 Kessco Diglycol  
 Armotan PMS-20 Laurate N  
 Aromox C/12 Kessco Diglycol  
 Aromox C/12W Laurate N-Syn  
 Aromox DMC Kessco Diglycol  
 Aromox DMCD Laurate SE  
 Aromox DMC-W Kessco Diglycol  
 Aromox DMHT Oleate L-SE  
 Aromox DMMC-W Kessco Diglycol  
 Aromox DM16 Stearate Neutral  
 Aromox N-CM-W Kessco Diglycol  
 Aromox T/12 Stearate SE  
 Aromox 18/12 Kessco Ethylene  
 Arquad C-50 Glycol Distearate  
 Arquad S-50 Kessco Ethylene  
 Arquad T-50 Glycol Monostearate  
 Arquad 2C-75 Kessco E112  
 Arquad 2HT-75 Kessco E119  
 Arquad 2S-75 Kessco GDA-X386F  
 Arquad 2T-75 Kessco Glycerol Dioleate  
 Arquad 12-33 Kessco Glycerol  
 Arquad 12-50 Monolaurate  
 Arquad 16-25 Kessco Glycerol  
 Arquad 16-25W Monooleate  
 Arquad 16-29 Kessco Glycerol  
 Arquad 16-29W Monostearate DH-1  
 Arquad 16-50 Kessco Glycerol  
 Arquad 18-50 Monostearate Pure  
 Diglycol Laurate ASE Kessco Glycerol  
 Ethoduomeen T/13 Kessco Glycerol 860  
 Ethoduomeen T/20 Kessco GML 54 SF  
 Ethoduomeen T/25 Kessco GMO-F  
 Ethofat C/15 Kessco GMS-T  
 Ethofat C/25 Kessco GMS-X-63-F  
 Ethofat O/15 Kessco GMS-X-222-F  
 Ethofat O/20 Kessco GMS-X-365  
 Ethofat 60/15 Kessco GMS-X-537  
 Ethofat 60/20 Kessco GMS-24SE

Kessco GMS-177-F Kessco PEG  
 Kessco GMS-861 1540 Monolaurate  
 Kessco GMS-866 Kessco PEG  
 Kessco GMS-3325 4000 Monolaurate  
 Kessco Isobutyl Kessco PEG  
 Stearate 6000 Monolaurate  
 Kessco Isocetyl Kessco PEG  
 Stearate 200 Monooleate  
 Kessco Isopropyl Kessco PEG  
 Myristate 300 Monooleate  
 Kessco Isopropyl Kessco PEG  
 Palmitate 400 Monooleate  
 Kesscolin Kessco PEG  
 Kesscomir 600 Monooleate  
 Kessco PEG Kessco PEG  
 200 Dilaurate 1000 Monooleate  
 Kessco PEG Kessco PEG  
 300 Dilaurate 1540 Monooleate  
 Kessco PEG Kessco PEG  
 400 Dilaurate 4000 Monooleate  
 Kessco PEG Kessco PEG  
 600 Dilaurate 6000 Monooleate  
 Kessco PEG Kessco PEG  
 1000 Dilaurate 200 Monostearate  
 Kessco PEG Kessco PEG  
 1540 Dilaurate 300 Monostearate  
 Kessco PEG Kessco PEG  
 4000 Dilaurate 400 Monostearate  
 Kessco PEG Kessco PEG  
 6000 Dilaurate 600 Monostearate  
 Kessco PEG Kessco PEG  
 200 Dioleate 1000 Monostearate  
 Kessco PEG Kessco PEG  
 300 Dioleate 1540 Monostearate  
 Kessco PEG Kessco PEG  
 400 Dioleate 4000 Monostearate  
 Kessco PEG Kessco PEG  
 600 Dioleate 6000 Monostearate  
 Kessco PEG Kessco PGML-X533  
 1000 Dioleate Kessco PGMS-R  
 Kessco PEG Kessco PGMS-X174  
 1540 Dioleate Kessco PGMS-X534F  
 Kessco PEG Kessco PGMS-8615  
 4000 Dioleate Kessco Propylene Glycol  
 Kessco PEG Monostearate Pure  
 6000 Dioleate Kessco Triacetin  
 Kessco PEG Kessco X-159  
 200 Distearate Kessco X-211  
 Kessco PEG Kessco X-330  
 300 Distearate Kessco X-636  
 Kessco PEG Kessco X-650  
 400 Distearate Kessco X-668  
 Kessco PEG Kessco X-675  
 600 Distearate Kessco 639  
 Kessco PEG Kessco 653  
 1000 Distearate Kessco 654  
 Kessco PEG Kessco 675  
 1540 Distearate Kessco 3283  
 Kessco PEG Neo-Fat 12  
 4000 Distearate Neo-Fat 12-43  
 Kessco PEG Neo-Fat 14  
 6000 Distearate Neo-Fat 16  
 Kessco PEG Neo-Fat 16-S  
 400 DS-X356 Neo-Fat 16-54  
 Kessco PEG Neo-Fat 16-56  
 200 Monolaurate Neo-Fat 18  
 Kessco PEG Neo-Fat 18-S  
 300 Monolaurate Neo-Fat 18-54  
 Kessco PEG Neo-Fat 18-55  
 400 Monolaurate Neo-Fat 18-61  
 Kessco PEG Neo-Fat 90-04  
 600 Monolaurate Neo-Fat 92-04  
 Kessco PEG Neo-Fat 255  
 1000 Monolaurate Neo-Fat 265

**ASHLAND CHEMICAL COMPANY**

Division of Ashland Oil, Inc.  
Columbus, Ohio 43216  
614/889-3333

Adogen 432 CG	Hydrofol
Adogen 442	Glyceride 50/51
Adogen 442-100P	Hydrofol
Adol 34	Glyceride 150
Adol 52	Hydrofol
Adol 54	Glyceride 200
Adol 62	Starfol BS-100
Adol 63	Starfol EGDS
Adol 64	Starfol EGMS
Adol 66	Starfol GMS 450
Adol 80	Starfol GMS 600
Adol 85	Starfol GMS 900
Adol 90	Starfol IPM
Adol 158	Starfol IPP
Adol 320	Starfol Wax CG
Adol 330	Varamide A1
Adol 340	Varamide L1
Adol 520	Varamide MA-1
Arochem 351	Varamide MA-4
Arochem 351-ML-60	Varamide ML-1
Arosurf CL-744	Varion CADG
Arosurf CLA1	Varion CDG
Arosurf GMS-E20	Varisoft SDC
Arosurf TA-100	Varisoft 100
Arosurf 63-PE16	Varisoft 475
Arosurf 66-E2	Varonic L-205
Arosurf 66-E10	Varonic U-250
Arosurf 66-E20	Varonic U-914
CAO-3	Varonic 400 MS
Hydrofol Acid 1255	Varonic 1000 MS
Hydrofol Acid 1295	Varonic 1800 MS
Hydrofol Acid 1495	Varonol TAS
Hydrofol Acid 1655	Varox 375-O
Hydrofol Acid 1690	Varox 743
Hydrofol Acid 1855	Varox 1770
Hydrofol Acid 1895	Varsulf H-88
Hydrofol Acid 2022-40	
Hydrofol	
Glyceride T-57-L	

**ATLANTIC POWDERED METALS, INC.**

225 Broadway  
New York, New York 10007  
212/267-4900  
Mirrorgold #125  
Silver #11

**AUDEL INDUSTRIES CORPORATION**

One Dag Hammarskjold Plaza  
New York, New York 10017  
212/355-5770  
Afron  
Lauroil  
Tricosolfan

— B —

**BARECO DIVISION**

Petrolite Corporation  
6910 East 14th Street  
P.O. Drawer K  
Tulsa, Oklahoma 74115  
918/836-1601  
Bareco BE Square Wax

**BARR COMPANY**

6100 West Howard Street  
Niles, Illinois 60648  
312/775-7700  
VEM 640-50% Solids Resin

**BASF WYANDOTTE CORPORATION**

1609 Biddle Avenue  
Wyandotte, Michigan 48192  
313/282-3300

Carbose	Pluronic P-105
Luviskol	Pluronic P-123
OP-2000	Pluronic R 10 R5
Pluracol P-710	Pluronic R 10 R8
Pluracol P-1010	Pluronic R 17 R1
Plurafac A-38	Pluronic R 17 R2
Plurafac D-25	Pluronic R 17 R4
Pluronic F-38	Pluronic R 17 R8
Pluronic F-68	Pluronic R 25 R1
Pluronic F-77	Pluronic R 25 R2
Pluronic F-87	Pluronic R 25 R4
Pluronic F-88	Pluronic R 25 R5
Pluronic F-98	Pluronic R 25 R8
Pluronic F-108	Pluronic R 31 R1
Pluronic F-127	Pluronic R 31 R2
Pluronic L-31	Pluronic R 31 R4
Pluronic L-35	Quadrol
Pluronic L-42	Tetronic 304
Pluronic L-43	Tetronic 504
Pluronic L-44	Tetronic 701
Pluronic L-61	Tetronic 702
Pluronic L-62	Tetronic 704
Pluronic L-63	Tetronic 707
Pluronic L-64	Tetronic 901
Pluronic L-72	Tetronic 904
Pluronic L-81	Tetronic 908
Pluronic L-92	Tetronic 1101
Pluronic L-101	Tetronic 1102
Pluronic L-121	Tetronic 1104
Pluronic L-122	Tetronic 1301
Pluronic P-65	Tetronic 1302
Pluronic P-75	Tetronic 1304
Pluronic P-84	Tetronic 1307
Pluronic P-85	Tetronic 1501
Pluronic P-94	Tetronic 1502
Pluronic P-103	Tetronic 1504
Pluronic P-104	Tetronic 1508

**BEST FOODS**

Unit of CPC International, Inc.  
International Plaza  
Englewood Cliffs, New Jersey 07632  
Argo Brand Corn Starch

**BETA CHEMICAL CORPORATION**

P.O. Box 42  
Haddon Heights, New Jersey 08035  
609/547-4406

Betacide B	Betamid O-70
Betacide E	Betamid P-10
Betacide M	Betamid S-10
Betacide P	Betamid S-20
Beta CL	Beta ML
Beta DIA	Beta MM
Beta DO	Beta OO
Betamid B-10	Beta PEG 3DL
Betamid C-20	Beta PEG 4DS
Betamid L-20	Beta PEG 4MS
Betamid M-20	

**BORDEN CHEMICAL COMPANY**

180 East Broad Street  
Columbus, Ohio 43215  
614/225-4572  
Cascoloid ST-62

**BROWN COMPANY**

555 Fifth Avenue  
New York, New York 10017  
212/986-8590  
Solka-Floc  
Solka-Floc BW-200

**THE BURTONITE COMPANY, INC.**

49 Franklin Avenue  
P.O. Box 7  
Nutley, New Jersey 07110  
201/667-5700  
Burtonite V7E

**BUSH BOAKE ALLEN, INC.**

P.O. Box Z  
Norwood, New Jersey 07648  
201/767-3010

<i>Abracol G.M.S.</i>	<i>Acetoglyceride L.C.</i>
<i>Abracol G.S.P.</i>	<i>Acetoglyceride S/C/4</i>
<i>Abracol L.D.S.</i>	<i>Alkyl Myristate</i>
<i>Abracol P.G.S.</i>	<i>Antiviray</i>
<i>Abracol S.L.G.</i>	<i>Base 60</i>
<i>Abracol V.P.X.</i>	<i>Iso-Propyl Myristate Alpha</i>

— C —

**CABOT CORPORATION**

CAB-O-SIL Division  
125 High Street  
Boston, Massachusetts 02110  
617/423-6000

<i>Cab-O-Grip II</i>	<i>Cab-O-Sil M-5</i>
<i>Cab-O-Sil HS-5</i>	<i>Cab-O-Sil MS-7</i>

**HARRY T. CAMPBELL SONS' COMPANY**

Division of The Flintkote Company  
Campbell Building  
Towson  
Baltimore, Maryland 21204  
301/823-7000  
Camel-Wite

**CANADA PACKERS, LTD.**

Chemical Division  
530 Keele Street, South  
Toronto, Ontario, Canada  
416/766-4311

<i>Sterling AM</i>	<i>Sterling WAME</i>
<i>Sterling Emulsifier #3</i>	<i>Sterling WA Paste</i>
<i>Sterling ES 600</i>	<i>Sterling WAQ-CH</i>
<i>Sterling Super A</i>	<i>Sterling WAQ-Cosmetic</i>
<i>Sterling WADE</i>	<i>Sterling WAT</i>

**CAPITAL CITY PRODUCTS COMPANY**

Division of Stokely-Van Camp, Inc.  
P.O. Box 569  
Columbus, Ohio 43216  
614/299-3131

<i>Capmul O</i>	<i>Caprol 6G2S</i>
<i>Capmul POE-O</i>	<i>Caprol 10G4O</i>
<i>Capmul POE-S</i>	<i>Captex 200</i>
<i>Capmul S</i>	<i>Captex 300</i>
<i>Caprol 3GO</i>	<i>Captex 350</i>
<i>Caprol 3GS</i>	<i>Pureco 76</i>
<i>Caprol 6G2O</i>	

**CAROLINE CHEMICAL COMPANY**

11 William Street  
Belleville, New Jersey 07109  
201/759-3225

<i>Cloud 105</i>	<i>Cloud 123R</i>
<i>Cloud 107</i>	<i>Cloud 285</i>

**CARSON CHEMICAL, INC.**

2779 East El Presidio  
Long Beach, California 90810  
213/636-7149

<i>Carsamide C-3</i>	<i>Carsonon L-12</i>
<i>Carsamide C-7644</i>	<i>Carsonon L-985</i>
<i>Carsamide C-7649</i>	<i>Carsonon N-2</i>
<i>Carsamide C-7944</i>	<i>Carsonon N-4</i>
<i>Carsamide CA</i>	<i>Carsonon N-6</i>
<i>Carsamide SAC</i>	<i>Carsonon N-8</i>
<i>Carsamide SAL-7</i>	<i>Carsonon N-9</i>
<i>Carsamide SAL-9</i>	<i>Carsonon N-10</i>
<i>Carsamide SAL-82</i>	<i>Carsonon N-11</i>
<i>Carsamide T</i>	<i>Carsonon N-12</i>
<i>Carsonam 3</i>	<i>Carsonon N-30</i>
<i>Carsonam 33S</i>	<i>Carsonon N-100</i>
<i>Carsonam 3147</i>	<i>Carsonon N-2088</i>
<i>Carsonol ALS</i>	<i>Carsonon PEG-200</i>
<i>Carsonol ALS Special</i>	<i>Carsonon PEG-300</i>
<i>Carsonol DLS</i>	<i>Carsonon PEG-400</i>
<i>Carsonol ILS</i>	<i>Carsonon PEG-600</i>
<i>Carsonol MLS</i>	<i>Carsonon PEG-1000</i>
<i>Carsonol SES-A</i>	<i>Carsonon PEG-1500</i>
<i>Carsonol SES-S</i>	<i>Carsonon PEG-1540</i>
<i>Carsonol SLES</i>	<i>Carsonon PEG-4000</i>
<i>Carsonol SLES-2</i>	<i>Carsonon PEG-6000</i>
<i>Carsonol SLS</i>	<i>Carsonon TD-11</i>
<i>Carsonol SLS Paste B</i>	<i>Carsoquat SDQ-25</i>
<i>Carsonol SLS Special</i>	<i>Carsoquat SDQ-85</i>
<i>Carsonol TLS</i>	<i>Carsoft S-75</i>
<i>Carsonon D-5</i>	<i>Carsoft S-90</i>
<i>Carsonon L-2</i>	<i>Carsoft SXS</i>
<i>Carsonon L-3</i>	<i>Carsoft T-60-L</i>
<i>Carsonon L-5</i>	<i>Carsoft UL-100</i>
<i>Carsonon L-9</i>	

**CENTRAL SOYA**

Chemurgy Division  
1825 North Laramie  
Chicago, Illinois 60639  
312/237-8600

<i>Actiflo</i>	<i>Centrophil</i>
<i>Centex</i>	<i>Promosoy</i>
<i>Centrol</i>	<i>Soyabits</i>
<i>Centrolene</i>	<i>Soyaluff</i>
<i>Centrollex</i>	

**C.E.P.**

Centre D'Etudes De Physiologie  
D'Hygiene et De Cosmetologie  
87, Avenue de l'Epinette,  
Z.1. 77102 Meaux, France  
Iodorga

**CHEMICAL PRODUCTS CORPORATION**

125 Main Avenue  
P.O. Box 372  
East Paterson, New Jersey 07407  
201/791-6700

<i>Chemester 200-DPS</i>	<i>Chemox C-15</i>
<i>Chemester 200-ML</i>	<i>Chemox HTA-2</i>
<i>Chemester 200-OC</i>	<i>Chemox HTA-15</i>
<i>Chemester 200-T</i>	<i>Chemox HTA-50</i>
<i>Chemester 300-OC</i>	<i>Chemox O-5</i>
<i>Chemester 400-DPS</i>	<i>Chemox O-15</i>
<i>Chemester 400-ML</i>	<i>Chemox S-2</i>
<i>Chemester 400-OC</i>	<i>Chemox S-5</i>
<i>Chemester 400-T</i>	<i>Chemox S-10</i>
<i>Chemester 600-OC</i>	<i>Chemox S-15</i>
<i>Chemester 1000-DPS</i>	<i>Chemox T-2</i>
<i>Chemester 1000-OC</i>	<i>Chemox T-5</i>
<i>Chemester 1000-T</i>	<i>Chemox T-15</i>
<i>Chemester 1540-DPS</i>	<i>Chemox T-40</i>
<i>Chemester 4000-DPS</i>	<i>Chemox T-50</i>
<i>Chemox C-2</i>	<i>Chempon 33</i>
<i>Chemox C-5</i>	<i>Chempon 42</i>
<i>Chemox C-10</i>	<i>Chempro 41 CG</i>

## Chemical Products Corporation (Cont.)

<i>Chempro 44 CG</i>	<i>Condensate M-100A</i>
<i>Chempro 100 X</i>	<i>Condensate MRCA</i>
<i>Condensate CA</i>	<i>Condensate N-1918</i>
<i>Condensate HCA</i>	<i>Condensate OFO</i>
<i>Condensate L-90</i>	<i>Condensate S-100</i>
<i>Condensate L-90A</i>	<i>Condensate T</i>
<i>Condensate L-5560</i>	<i>Condensate X-45B</i>
<i>Condensate LM11D</i>	<i>Condensate X-45W</i>
<i>Condensate LM-5560</i>	<i>Hyamide 90-C</i>
<i>Condensate LNO</i>	

### CHARLES B. CHRYSTAL CO., INC.

53 Park Place  
New York, New York 10007  
212/227-2151

<i>'DOM' Colloidal Kaolin</i>	<i>Lion English Kaolin</i>
<i>Electros Colloidal Kaolin</i>	<i>#907 Micro Talc</i>
<i>'Extra Super' English</i>	<i>Puraltc USP</i>
<i>Terra Alba</i>	

### CHEMISCHE FABRIEK SERVO B.V.

P.O. Box 1  
Delden, Netherlands  
Serdet DPK 30

### CHEMISCHE FABRIK GRUENAU, GmbH

7918 Illertissen  
Postfach 120  
Federal Republic of Germany

<i>Lamacit CA</i>	<i>Lamepon S-TR</i>
<i>Lamacit ER</i>	<i>Lamepon S-2</i>
<i>Lamacit KW 80-18</i>	<i>Lamepon S2-TR</i>
<i>Lamacit PL</i>	<i>Lamepon UD</i>
<i>Lamacit PO</i>	<i>Monomuls 50-20</i>
<i>Lamacit 877</i>	<i>Monomuls 50-25</i>
<i>Lamecreme SA7</i>	<i>Monomuls 60-10</i>
<i>Lamegin CSL</i>	<i>Monomuls 60-15</i>
<i>Lamegin EE-50</i>	<i>Monomuls 60-20</i>
<i>Lamegin EE-70</i>	<i>Monomuls 60-25</i>
<i>Lamegin EE-90</i>	<i>Monomuls 90-10</i>
<i>Lamegin GLP-10</i>	<i>Monomuls 90-15</i>
<i>Lamegin GLP-20</i>	<i>Monomuls 90-20</i>
<i>Lamegin NSL</i>	<i>Monomuls 90-25</i>
<i>Lamegin ZE-30</i>	<i>Nutrilan H</i>
<i>Lamegin ZE-60</i>	<i>Nutrilan I</i>
<i>Lamepon PA-TR</i>	<i>Nutrilan I-Powder</i>
<i>Lamepon PO-TR</i>	<i>Nutrilan L</i>
<i>Lamepon S</i>	<i>Nutrilan L-Powder</i>

### CHEMISCHE WERKE HUELS A.G.

4370 Marl/Krs. Reckinghamen  
West Germany  
Marlipal MG

### CHEMISCHES LABORATORIUM DR. KURT RICHTER, GmbH

1 Berlin 41 (West)  
Bennigsenstrasse 25  
Germany

(Distributed by Henkel, Inc. in U.S.A.)

<i>Biosulphur</i>	<i>Sedaplant Richter</i>
<i>Fluid CLR</i>	<i>Vitaplant CLR</i>
<i>Hair Complex Aquosum</i>	<i>Water-Soluble</i>
<i>Hexaplant Richter</i>	
<i>Hygroplex HHG</i>	

### CHEM-Y

Fabriek Van Chemische Producten B.V.  
49 Noordstraat  
P.O. Box 50  
Bodegraven, Netherlands  
Alkposal MLES-35

## Commercial Solvents Corporation

### CIBA-GEIGY CORPORATION

Dyestuffs & Chemicals Division  
P.O. Box 11422  
Greensboro, North Carolina 27409  
919/292-7100

<i>Alromine RA</i>	<i>Irgalan Yellow GL</i>
<i>Alrosol C</i>	<i>Irgalan Yellow 2RL</i>
<i>Alrosol Conc</i>	<i>Irganol Brilliant</i>
<i>Alrosol O</i>	<i>Yellow 3GLS 133%</i>
<i>Alrosol S</i>	<i>Irgasan CF-3</i>
<i>Alrospere 11P</i>	<i>Irgasan DP-300</i>
<i>Bina Coba 3001</i>	<i>Nigrosine SS Blue 40</i>
<i>Chel CD</i>	<i>Nigrosine WSN Conc</i>
<i>Chel DM Acid</i>	<i>Nonisol 100</i>
<i>Chel DM-41</i>	<i>Nonisol 210</i>
<i>Chel DTPA</i>	<i>Nonisol 300</i>
<i>Chel 242 PN</i>	<i>Sapamine COB-ST</i>
<i>Dicrylan 325 WA-50</i>	<i>Sarkosyl L</i>
<i>Dicrylan 325-50</i>	<i>Sarkosyl LC</i>
<i>Dicrylan 394</i>	<i>Sarkosyl NL-30</i>
<i>Fungitex R</i>	<i>Sarkosyl NL-97</i>
<i>Irgacet Brown 2RL</i>	<i>Sarkosyl O</i>
<i>Irgacet Yellow GL</i>	<i>Sequestrene AA</i>
<i>Irgalan Black BGL</i>	<i>Sequestrene Na 2</i>
<i>Irgalan Black GBL</i>	<i>Sequestrene Na 3</i>
<i>Irgalan Blue BL</i>	<i>Sequestrene Na 4</i>
<i>Irgalan Brown BL</i>	<i>Sequestrene 30A</i>
<i>Irgalan Brown 2GL</i>	<i>Ultravon CO</i>
<i>Irgalan Brown 3BL</i>	<i>Uvitex SWN Conc</i>
<i>Irgalan Dark Brown 5R</i>	
<i>Irgalan Grey BL</i>	
<i>Irgalan Navy Blue 5RL</i>	
<i>Irgalan Orange RL</i>	
<i>Irgalan Red 4GL</i>	
<i>Irgalan Violet 5RL</i>	

### CLAREMONT FLOCK CORPORATION

1935 Elm Street  
Claremont, New Hampshire 03743  
603/542-5151

<i>B204-8000-10 Rayon Fiber</i>	<i>C10-8000-10 Rayon Fiber</i>
<i>C8-8000-10 Rayon Fiber</i>	<i>C15-8000-10 Rayon Fiber</i>

### CLINTWOOD CHEMICAL COMPANY

4342 South Wolcott Avenue  
Chicago, Illinois 60609  
312/927-1071

<i>Clindrol SDG</i>	<i>Clindrol 200HC</i>
<i>Clindrol SEG</i>	<i>Clindrol 200MS</i>
<i>Clindrol Superamide</i>	<i>Clindrol 200RC</i>
<i>100C</i>	<i>Clindrol 202CGN</i>
<i>Clindrol Superamide</i>	<i>Clindrol 203CG</i>
<i>100CG</i>	<i>Clindrol 204CG</i>
<i>Clindrol Superamide</i>	<i>Clindrol 206CGN</i>
<i>100L</i>	<i>Clindrol 207CGN</i>
<i>Clindrol Superamide</i>	<i>Clindrol 209CGN</i>
<i>100LM</i>	<i>Clindrol 868</i>
<i>Clindrol 100MC</i>	<i>Lan-o-Derm</i>
<i>Clindrol 101LI</i>	<i>Product DG19</i>
<i>Clindrol 200-L</i>	<i>Product 2-M-19</i>
<i>Clindrol 200-O</i>	<i>Sanamid 29B</i>
<i>Clindrol 200-S</i>	<i>Sandrol 200-O</i>
<i>Clindrol 200CG</i>	<i>Superamide 100L</i>
<i>Clindrol 200CGN</i>	

### COMMERCIAL SOLVENTS CORPORATION

245 Park Avenue  
New York, New York 10017  
212/661-5454

<i>Alkaterge E</i>	<i>Hexagon</i>
<i>AMP Regular</i>	<i>Tris Amino</i>
<i>AMPD</i>	<i>Tris Nitro</i>
<i>Gold Shield</i>	

**COMPAGNIE PARENTO, INC.**

68 Brook Street  
 Croton-on-Hudson, New York 10520  
 914/271-4701  
 Filtrol

**CONTINENTAL CHEMICAL COMPANY**

270 Clifton Boulevard  
 Clifton, New Jersey 07015  
 201/472-5000

Conco AAS Special 3	Conco Sulfate WA-1245
Conco AAS-35	Conco Sulfate WAG
Conco AAS-40	Conco Sulfate WAN
Conco AAS-50	Conco Sulfate WAS
Conco AAS-60	Conco Sulfate WE
Conco AAS-65	Conco Sulfate WEM
Conco AAS-90	Conco Sulfate WN
Conco AAS-98	Conco Sulfate 216
Conco ATR-98	Conco Sulfate 219
Conco NI-21	Conco Sulfate 219
Conco NI-43	Special
Conco NI-60	Conco Sulfate 444
Conco NI-90	Conco SXS
Conco NI-100	Conco XAC
Conco NI-110	Conco XAL
Conco NI-150	Conco XAM
Conco NI-185	Conco XAO
Conco NI-187	Conco XAS
Conco NI-190	Conco XAT
Conco NI-197	Concogel 2 Conc
Conco NI-2000	Condensate CO
Conco NIX-100	Condensate NP
Conco Sulfate A	Condensate PA
Conco Sulfate C	Condensate PE
Conco Sulfate EP	Condensate PHL
Conco Sulfate K	Condensate PL
Conco Sulfate M	Condensate PM
Conco Sulfate P	Condensate PN
Conco Sulfate T	Condensate PO
Conco Sulfate TL	Condensate PS
Conco Sulfate WA	Condensate PSR
Conco Sulfate WA-1200	Condensate Q

**CONOCO CHEMICALS**

Continental Oil Company  
 Park-Eighty Plaza East  
 Saddle Brook, New Jersey 07662  
 201/845-3800

Aifol 4	Aifol 14
Aifol 6	Aifol 16
Aifol 8	Aifol 18
Aifol 10	Aifol 1216 Alcohol
Aifol 12	Dispal

**COWLES CHEMICAL COMPANY**

Division of Stauffer Chemical Company  
 12000 Shaker Boulevard  
 Cleveland, Ohio 44120  
 216/752-6600  
 Drymet Fines

**CPC INTERNATIONAL, INC.**

Industrial Division  
 International Plaza  
 Englewood Cliffs, New Jersey 07632  
 201/894-2281  
 Covol

**CRODA, INC.**

51 Madison Avenue  
 New York, New York 10010  
 212/683-3089

Acylan	Cosmowax H
Cithrol CSP	Croda Base PD-2
Collasol	Croda Base 5
Cosmetic Lanolin	Croda Base 7
Cosmowax	Croda Base 2691

Croda Base 2717	Loramine Wax
Croda Base 2815	Microlan J
Croda Base 3619	Novol
Crodacid	Pharmaceutical Lanolin
Crodacol A. 10	Polychol 5
Crodacol C	Polychol 10
Crodacol O	Polychol 15
Crodacol S	Polychol 20
Crodafos CAP	Polychol 40
Crodafos N. 3 Acid	Procetyl AWS
Crodafos N. 3 Neutral	Procetyl 10
Crodafos N. 10 Acid	Procetyl 30
Crodafos N. 10 Neutral	Procetyl 50
Crodafos SG	Prochol 10
Crodalan AWS	Prochol 30
Crodalan LA	Proteclan SK-88
Crodalan 3	Provol 10
Croda Liquid Base	Provol 30
Crodamol DA	Provol 50
Crodamol IPM	Satexlan 10
Crodamol IPP	Satexlan 20
Crodamol PC	Satulan
Croda Multi Sterol Base	Skilralan
Croda Pearl	Skilrate 5
Croda Pearl Liquid	Skilrate 10
Croda Solid Base	Skliro
Crodyne BY 19	Skliro, Distilled
Crotein AD	Solan
Crotein ADX	Solan 50
Crotein ASC	Solangel 401
Crotein BTA	Super Corona Lanolin
Crotein HKP	Super Hartolan
Crotein IP	Volpo S.2
Crotein IPX	Volpo S.10
Crotein SPA	Volpo S.20
Crotein SPC	Volpo 3
Crotein SPO	Volpo 3-A10
Fluilan	Volpo 5
Fluilanol	Volpo 10
Hartolan	Volpo 20
Lanexol AWS	

**CROMPTON & KNOWLES CORPORATION**

Route 208  
 Fair Lawn, New Jersey 07410  
 201/791-1122  
 Intrasperse Yellow  
 GBA Extra

**CRUCIBLE CHEMICAL COMPANY**

P.O. Box 6786-Station B  
 Greenville, South Carolina 29606  
 803/277-1284  
 Cru-Release 901F  
 Foamkill 810F  
 Foamkill 830F

**CYCLO CHEMICALS CORPORATION**

7500 N.W. 66th Street  
 Miami, Florida 33166  
 305/592-6700

Cyclochem BA	Cyclochem PEG 200 DL
Cyclochem CL	Cyclochem PEG 200 DS
Cyclochem DGS	Cyclochem PEG 200 ML
Cyclochem EGMS	Cyclochem PEG 400 DS
Cyclochem EGMS/SE	Cyclochem PEG 400 ML
Cyclochem EM 324	Cyclochem PEG 400 MO
Cyclochem EM 560	Cyclochem POL
Cyclochem GMS	Cyclochem SPS
Cyclochem GMS/SE	Cyclochem SS
Cyclochem GTL	Cyclomide DS
Cyclochem LVL	Cycloryl MA 330
Cyclochem ML	Cycloryl MA 360
Cyclochem MM/M	Cycloryl MG
Cyclochem MST	Cycloryl MS
Cyclochem NI	

<i>Cycloryl M1</i>	<i>Cycloryl WAT</i>
<i>Cycloryl NA</i>	<i>Cycloryl 21</i>
<i>Cycloryl NA 61</i>	<i>Cyclosheen 100</i>
<i>Cycloryl TD</i>	<i>Cycloton CT 100</i>

— D —

**DAIICHI SEIYAKU CO., LTD.**

3-14-10 Nihonbashi  
Chuo-Ku  
Tokyo, Japan  
SD-35

**DAITO KASEI KOGYO CO., LTD.**

1-1 Tomobuchi-Cho-3  
Miyakojima-Ku  
Osaka, Japan  
Daitosol 5000 A-S

**GERARD J. DANCO INTERNATIONAL CORPORATION**

17 Elm Street  
Morristown, New Jersey  
201/267-9070  
*Codan Concentrated Witch Hazel*  
*Codan Refined Grape Seed Oil*

**DARLING & COMPANY**

4650 South Racine Avenue  
Chicago, Illinois 60609  
312/927-3000

<i>Dar-Chem 14</i>	<i>Hy-Phi 2066</i>
<i>Hy-Phi 1055</i>	<i>Hy-Phi 2088</i>
<i>Hy-Phi 1088</i>	<i>Hy-Phi 2102</i>
<i>Hy-Phi 1199</i>	<i>Hy-Phi 4204</i>
<i>Hy-Phi 1205</i>	<i>Hy-Phi 6001</i>
<i>Hy-Phi 1303</i>	<i>Pearl Stearic</i>
<i>Hy-Phi 1401</i>	

**DAVISON CHEMICAL DIVISION**

W. R. Grace & Company  
10 East Baltimore Street  
Baltimore, Maryland 21203  
301/727-3900  
*Syloid 63*  
*Syloid 72*  
*Syloid 74*

*Syloid 244*  
*Syloid 266*

**DEGUSSA, INC.**

2 Pennsylvania Plaza  
New York, New York 10001  
212/563-7100  
*Aerosil 200*

**DERMIK LABORATORIES, INC.**

150 Eileen Way  
Syosset, Long Island, New York 11791  
516/921-6460  
Zetar

**DEXTER CHEMICAL CORPORATION**

845 Edgewater Road  
Bronx, New York 10474  
212/323-7700  
*Dextrol XL-15*

**DIAMOND SHAMROCK CHEMICAL COMPANY**

Process Chemicals Division  
350 Mt. Kemble Avenue  
P.O. Box 2386-R  
Morristown, New Jersey 07960  
201/267-1000  
*Hyonic PE-100*  
*Hyonic PE-250*  
*Lomar PWC*

*Monopole Oil*  
*Monosulf*  
*Nopcogen 14-S*

**DIMENSIONAL PIGMENTS, INC.**

Hobart Avenue & East 3rd Street  
Bayonne, New Jersey 07002  
201/437-3600

<i>Depthin B-5 70% CO</i>	<i>Depthin B-50</i>
<i>Depthin B-7 70% CO</i>	<i>Depthin B-50 70% CO</i>
<i>Depthin B-30 70% AQ</i>	<i>Depthin B-300</i>
<i>Depthin B-30 70% CO</i>	<i>Depthin BM-5</i>
<i>Depthin B-30 70% MO</i>	<i>Depthin BM-50</i>
<i>Depthin B-40 70% CO</i>	

**THE DOW CHEMICAL COMPANY**

Midland, Michigan 48640  
517/636-1000

<i>Aerotherene TT</i>	<i>Polyethylenimine 1200</i>
<i>Ambiflo L-317</i>	<i>Polyethylenimine 1800</i>
<i>Bisphenol A</i>	<i>Polyethylenimine 40,000</i>
<i>Chlorothene NU</i>	<i>Polyethylenimine 60,000</i>
<i>DOW HCB</i>	<i>Polyethylenimine 100,000</i>
<i>DOWANOL DPM</i>	<i>Polyglycol E-200</i>
<i>DOWANOL EB</i>	<i>Polyglycol E-300</i>
<i>DOWANOL EE</i>	<i>Polyglycol E-400</i>
<i>DOWANOL EM</i>	<i>Polyglycol E-600</i>
<i>DOWANOL EPH</i>	<i>Polyglycol E-1000</i>
<i>DOWANOL PIB-T</i>	<i>Polyglycol E-1450</i>
<i>DOWANOL PM</i>	<i>Polyglycol E-2000</i>
<i>DOWANOL TPM</i>	<i>Polyglycol E-4000</i>
<i>DOWICIDE A</i>	<i>Polyglycol E-4000 USP</i>
<i>DOWICIDE A Flakes</i>	<i>Polyglycol E-6000</i>
<i>DOWICIDE 1</i>	<i>Polyglycol E-9000</i>
<i>DOWICIL 100</i>	<i>Polyglycol E-20000</i>
<i>DOWICIL 200</i>	<i>Polyglycol P-1200</i>
<i>Ethocel</i>	<i>Polyglycol P-2000</i>
<i>HPM Cellulose</i>	<i>Polyglycol 15-200</i>
<i>Methocel J 12 HS</i>	<i>Polyglycol 112-2</i>
<i>Methocel MC</i>	<i>Propylene Glycol P-2000</i>
<i>Methocel XD-1214</i>	<i>Versene</i>
<i>Methocel XD-1214.44</i>	<i>Versene FE-3, Powder</i>
<i>Methocel 60 HG</i>	<i>Versene Powder</i>
<i>Methocel 65 HG</i>	<i>Tetra Sodium</i>
<i>Methocel 90 HG</i>	<i>Versenex 80</i>
<i>PEI-600E</i>	<i>Versenol</i>
<i>Polyethylenimine 300</i>	<i>Voranol CP-700</i>
<i>Polyethylenimine 600</i>	

**DOW CORNING CORPORATION**

Midland, Michigan 48640  
517/496-4964

<i>Antifoam A Compound</i>	<i>Dow Corning 470A Fluid</i>
<i>Antifoam AF Emulsion</i>	<i>Dow Corning 472 Fluid</i>
<i>Antifoam C Emulsion</i>	<i>Dow Corning 473 Fluid</i>
<i>Antifoam FG-10 Emulsion</i>	<i>Dow Corning 556 Fluid</i>
<i>Dow Corning Anti-foam FG-10 Emulsion</i>	<i>Dow Corning 929 Cationic Emulsion</i>
<i>Dow Corning F-6-7085 Wax</i>	<i>Dow Corning 1107 Fluid</i>
<i>Dow Corning F-157 Wax</i>	<i>F-157 Wax</i>
<i>Dow Corning F-157A Wax</i>	<i>F-157A Wax</i>
<i>Dow Corning F-218A Fluid</i>	<i>Medical Fluid 360</i>
<i>Dow Corning F-13597 Fluid</i>	<i>Silicone F-6-7085 Wax</i>
<i>Dow Corning Medical Antifoam A Compound</i>	<i>Silicone F-157A Wax</i>
<i>Dow Corning Medical Antifoam AF Emulsion</i>	<i>Silicone F-218A Fluid</i>
<i>Dow Corning Medical Antifoam C Emulsion</i>	<i>Silicone F-13597 Fluid</i>
<i>Dow Corning Medical Antifoam FG-10 Emulsion</i>	<i>Silicone Q-2-1053 Fluid</i>
<i>Dow Corning Medical Fluid 360</i>	<i>Silicone Q-2-2523 Wax</i>
<i>Dow Corning Q-2-1053 Fluid</i>	<i>Silicone 200 Fluid</i>
<i>Dow Corning Q-2-2523 Wax</i>	<i>Silicone 225 Fluid</i>
<i>Dow Corning 200 Fluid</i>	<i>Silicone 344 Fluid</i>
<i>Dow Corning 225 Fluid</i>	<i>Silicone 345 Fluid</i>
<i>Dow Corning 344 Fluid</i>	<i>Silicone 360 Fluid</i>
<i>Dow Corning 345 Fluid</i>	<i>Silicone 470A Fluid</i>
<i>Dow Corning 470A Fluid</i>	<i>Silicone 472 Fluid</i>
<i>Dow Corning 472 Fluid</i>	<i>Silicone 473 Fluid</i>
<i>Dow Corning 556 Fluid</i>	<i>Silicone 556 Fluid</i>
<i>Dow Corning 929 Fluid</i>	<i>Silicone 1107 Fluid</i>

**DRAGOCO, INC.**

Gordon Drive  
Box 261  
Totowa, New Jersey 07512  
201/256-3850

Apicerol	Extrapone Stinging Nettle Special 2/032721
Azulene Dragoco 2/912980	Extrapone Sulfovital Special 2/033391
Dragil 2/027011	Extrapone Super Cucumber 2/500021
Dragocid Forte 2/027045	Extrapone Thyme Special
Emulsifying Agent 2/014086	Extrapone Witch Hazel
Extrapone Algen Super 2/032453	Extrapone Witch Hazel Dist. Colorless Special 2/032891
Extrapone Alpine Herbs for Bath Products	Extrapone 1 Special
Extrapone Alpine Herbs Special 2/032561	Extrapone 3 Special
Extrapone Aquasol Alpine Herbs	Extrapone 4 Special
Extrapone Arkin Special	Extrapone 5 Special
Extrapone B Special 2/032421	Fungicide DA 2/038070
Extrapone Biopollin Special 2/032661	Fungicide UMA 2/038080
Extrapone Bio-Tamin Special 2/032671	Hydroviton
Extrapone Chamomile Special 2/033021	Iso-Adipate 2/043700
Extrapone Horse Chestnut Special	Moskitox 2/055631
Extrapone Marshmallow Special	Neo-Extrapone Camomile 2/060350
Extrapone Neo-H-Special 2/032441	Neo-Extrapone Carrot 2/060380
Extrapone Phytocell Special 2/033191	Neo-Extrapone Hamamelis 2/060240
Extrapone Phytostimulin Special 2/033181	Neo-Extrapone Lemon 2/060130
Extrapone Poly H Special 2/032451	Neo-Extrapone Lime Tree Flower 2/060410
Extrapone Rosemary Special 2/033251	Neo-PCL Watersoluble
Extrapone Sage Special 2/033291	PCL Liquid 2/066210
	PCL Solid 2/066220
	Pur-Cellin Oil
	Pur-Cellin Solid
	Pur-Cellin Wax

**L. A. DREYFUS COMPANY**

P.O. Box 500  
South Plainfield, New Jersey 07080  
201/549-1600  
Ladwax 19659

**E. I. DUPONT DE NEMOURS & COMPANY, INC.**

1007 Market Street  
Wilmington, Delaware 19898  
302/774-1000

Albone CG	Elvanol
Albone 50 CG	Freon 11
Avitex C	Freon 11S
Avitex S.F.	Freon 12
Duponol C	Freon 114
Duponol EL	Freon 142B
Duponol EP	Lorol
Duponol ME Dry	Lorol 5
Duponol QC	Lorol 24
Duponol QZ	Lorol 28
Duponol W	Monastral Fast Blue B
Duponol WA Dry	Monastral Fast Blue BWD
Duponol WA Paste	Monastral Fast Green GFNP
Duponol WAQ	Product DDN
Duponol WAQA	Product HDN
Duponol WAQE	Product ODN
Duponol WAQM	Product UDN
Duponol WAT	Victoria Pure Blue BO

**DURA COMMODITIES CORPORATION**

Durachem Department  
111 Calvert Street  
P.O. Box 618  
Harrison, New York 10528  
914/835-1400

Duron Ozokerite 71/74	Synthetic Oxidized Veba Wax AX 2729
Duron Ozokerite 4350	Synthetic Oxidized Veba Wax B60
Duron Petroleum Micro Wax 175/180	Synthetic Oxidized Veba Wax B120
Duron White 195-D Wax	Synthetic Oxidized Veba Wax C20
Duron 180-D Wax	Synthetic Oxidized Veba Wax C60
Duron 195-F Wax	Uniwax 1050
Duroxon J324 AM	Veba-Wax A-217
Duroxon J324 ST	Veba-Wax A-227
Duroxon J324 V	Veba-Wax A-235
Lacer Brand Wax Type "Max"	Veba-Wax A-310
Liquax 488	Veba-Wax A-415
Microfine II	Veba-Wax A-560
Microfine II-F	Veba-Wax A-616
Microfine II-FS	Veba-Wax FT-150
Microfine VI	Veba-Wax FT-150P
Microfine VI-F	Veba-Wax FT-200
Microfine VI-FS	Veba-Wax FT-300
Microfine VI-FX	Vebafine A-616
Microfine VIII	
Microfine VIII-F	
Synthetic Oxidized Veba Wax AX 1539	

**DYNAMIT NOBEL OF AMERICA, INC.**

105 Stonehurst Court  
Northvale, New Jersey 07647  
201/767-1640

Emulsifier 780	Miglyol 840
Imwitor 191	Softigen 701
Imwitor 900K	Softigen 767
Imwitor 960	Softisan 100
Miglyol Gel	Softisan 378
Miglyol 810 Neutral Oil	Softisan 601
Miglyol 812 Neutral Oil	Special Fat 114

— E —

**EASTMAN CHEMICAL PRODUCTS, INC.**

Kingsport, Tennessee 37662  
800/251-0351

Epolene	Tenox BHT
Myverol 18-30	Tenox PG
Myverol 18-40	Tenox TBHQ
Myverol 18-50K	Tenox 2
Myverol 18-85	Tenox 4
Myverol 18-98	Tenox 6
Tecquinol	Tenox 26
Tenox BHA	

**EDWARD MENDELL COMPANY, INC.**

Route 52  
Carmel, New York 10512  
914/225-5535  
Algum B2A  
Algum S  
Satialgine H

**ELI LILLY & COMPANY**

Elanco Products Division  
Indianapolis, Indiana 46206  
317/261-3986  
Merthiolate  
Sodium Merthiolate

**EMERY INDUSTRIES, INC.**

4900 Este Avenue  
Cincinnati, Ohio 45232  
513/641-0700

<i>Emersol 120</i>	<i>Emery 425</i>
<i>Emersol 132</i>	<i>Emery 622</i>
<i>Emersol 140</i>	<i>Emery 626</i>
<i>Emersol 142</i>	<i>Emery 655</i>
<i>Emersol 144</i>	<i>Emery 2242</i>
<i>Emersol 150</i>	<i>Emery 2423</i>
<i>Emersol 210</i>	<i>Empol 1010</i>
<i>Emersol 213</i>	<i>Empol 1014</i>
<i>Emersol 221</i>	<i>Empol 1016</i>
<i>Emersol 233LL</i>	<i>Empol 1018</i>
<i>Emersol 310</i>	<i>Empol 1022</i>
<i>Emersol 315</i>	<i>Empol 1024</i>
<i>Emersol 871</i>	<i>Empol 1040</i>
<i>Emersol 875</i>	<i>Empol 1041</i>
<i>Emersol 6321</i>	

**EMLIN, INC.**

P.O. Box 582  
3726 Roosevelt Road  
Kenosha, Wisconsin 53140  
414/654-0734  
*Emulan*

**ENGELHARD MINERALS & CHEMICALS CORP.**

Minerals & Chemicals Division  
Menlo Park  
Edison, New Jersey 08817  
201/321-5000  
*Attasorb RVM*  
*Pharmasorb Colloidal*

**ESPERIS, S.p.A.**

Via Ambrogio Binda, 29  
Milan, Italy  
*Hormo Fruit Apricot*  
*Hydrolan*

**EVANS CHEMETICS, INC.**

90 Tokeneke Road  
Darien, Connecticut 06820  
203/655-8741  
*Dibenzothiophene*  
*Thiovanic Acid*  
*Thiovanol*

**EXXON COMPANY, U.S.A.**

P.O. Box 2180  
Houston, Texas 77001  
713/221-3636

<i>BAYOL 72</i>	<i>PARVAN 2730</i>
<i>BAYOL 90</i>	<i>PARVAN 3150</i>
<i>BAYOL 92</i>	<i>PARVAN 3830</i>
<i>MARCOL 52</i>	<i>PARVAN 4050</i>
<i>MARCOL 62</i>	<i>PARVAN 4450</i>
<i>MARCOL 70</i>	<i>PARVAN 4550</i>
<i>MARCOL 72</i>	<i>PARVAN 5250</i>
<i>MARCOL 82</i>	<i>PARVAN 6550</i>
<i>MARCOL 87</i>	<i>PRIMOL 185</i>
<i>MARCOL 90</i>	<i>PRIMOL 205</i>
<i>MARCOL 97</i>	<i>PRIMOL 325</i>
<i>MARCOL 130</i>	<i>PRIMOL 355</i>
<i>MARCOL 145</i>	

## — F —

**FANNING CHEMICAL COMPANY, INC.**

625 North Michigan Avenue  
Chicago, Illinois 60611  
312/664-5563

<i>Cosmetic Lanolin</i>	<i>EmCon W</i>
<i>EmCon E</i>	<i>Fanchem HL</i>
<i>EmCon G</i>	<i>Fancof LA</i>

<i>Lan-Aqua-Sol Hydrophilic</i>	<i>Superfine Lanolin</i>
<i>Lan-Aqua-Sol</i>	<i>Unjocol 50</i>
<i>Super-Hydrophilic</i>	<i>Unjocol 70</i>
<i>Pharmaceutical Lanolin</i>	<i>Unjocol 90</i>
<i>Sol-U-Tein E</i>	<i>Unjocol 110</i>
<i>Sol-U-Tein M</i>	<i>Vigilan</i>

**FELTON INTERNATIONAL, INC.**

599 Johnson Avenue  
Brooklyn, New York 11237  
212/497-4664  
*Sunarome W*  
*Sunarome WMO*

**FINE ORGANICS, INC.**

205 Main Street  
Lodi, New Jersey 07644  
201/472-6800

<i>Bretol</i>	<i>Dibactol</i>
<i>Bromat</i>	<i>Mytab</i>
<i>Cetats</i>	<i>Stedbac</i>
<i>Cetol</i>	
<i>Cetrimide</i>	

**FINETEX, INC.**

418 Falmouth Avenue  
East Paterson, New Jersey 07407  
201/797-4686

<i>Aminol CA-2</i>	<i>Aminol MRC</i>
<i>Aminol CFM</i>	<i>Aminol MRC-A</i>
<i>Aminol CO-S</i>	<i>Aminol MRM</i>
<i>Aminol COR-2</i>	<i>Aminol MS</i>
<i>Aminol CS-12</i>	<i>Aminol N-1918</i>
<i>Aminol HCA</i>	<i>Aminol OF</i>
<i>Aminol LA-12</i>	<i>Aminol OL</i>
<i>Aminol LM-5</i>	<i>Aminol OT</i>
<i>Aminol LM-30</i>	<i>Aminol STD</i>
<i>Aminol LNO</i>	<i>Aminol VR-14</i>

**FMC CORPORATION**

Chemical Group  
2000 Market Street  
Philadelphia, Pennsylvania 19103

<i>Avicel</i>	<i>Avicel RC-581</i>
<i>Avicel PH</i>	<i>Avicel RC-591</i>
<i>Avicel RC</i>	<i>Becco</i>

**H. B. FULLER COMPANY**

2400 Kasota Avenue  
St. Paul, Minnesota 55108  
612/645-3401  
*N-480*

## — G —

**GAF CORPORATION**

Chemical Division  
140 West 51st Street  
New York, New York 10020  
212/582-7600

<i>Alipal CO-433</i>	<i>Emulphogene BC-420</i>
<i>Alipal CO-436</i>	<i>Emulphogene BC-610</i>
<i>Antaron FC-34</i>	<i>Emulphogene BC-720</i>
<i>Antaron PC-37</i>	<i>Emulphor AM-310</i>
<i>Biopal VRO-20</i>	<i>Emulphor AM-650</i>
<i>Celliton Blue BB Supra</i>	<i>Emulphor EL-620</i>
<i>Celliton Blue GA EX</i>	<i>Emulphor EL-719</i>
<i>Celliton Red GGA EX Conc</i>	<i>Emulphor ON-870</i>
<i>Celliton Violet 6BA</i>	<i>Emulphor VN-430</i>
<i>Celliton Yellow RRA</i>	<i>Gafamide CDD-518</i>
<i>Cheelox B-13</i>	<i>Gafquat 734</i>
<i>Cheelox BF Acid</i>	<i>Gafquat 755</i>
<i>Cheelox BF-12</i>	<i>Gantrez AN-119</i>
<i>Cheelox BF-13</i>	<i>Gantrez AN-139</i>
<i>Cheelox BF-78</i>	<i>Gantrez AN-149</i>
<i>Cheelox HE-24</i>	<i>Gantrez AN-169</i>



Gantrez ES-225	Igepon AC-78
Gantrez ES-335-1	Igepon T-33
Gantrez ES-425	Igepon T-43
Gantrez ES-435	Igepon T-73
Gantrez M-154	Igepon T-77
Igepal CA-420	Igepon TC-42
Igepal CA-520	Monopol Oil
Igepal CA-630	Nekal WT-27
Igepal CA-720	Polectron 430
Igepal CA-730	PVP K-30
Igepal CO-210	PVP K-60
Igepal CO-430	PVP K-90
Igepal CO-520	PVP/VA E-335
Igepal CO-530	PVP/VA E-535
Igepal CO-610	PVP/VA E-635
Igepal CO-630	PVP/VA E-735
Igepal CO-660	PVP/VA S-630
Igepal CO-710	Uvinul D-49
Igepal CO-720	Uvinul D-50
Igepal CO-730	Uvinul DS-49
Igepal CO-850	Uvinul M-40
Igepal CO-880	Uvinul MS-40
Igepal CO-890	Uvinul 400
Igepal CO-970	Uvinul 490
Igepal DM-530	
Igepal DM-880	
Igepal DM-970	

**GATTEFOSSE ETABLISSEMENTS**

39 Avenue Ed-Vaillant  
92100-Boulogne, France  
Suppocire CM

**GENERAL ELECTRIC COMPANY**

Silicone Products Department  
Mechanicville Road  
Waterford, New York 12188  
518/237-3330  
SF-1066 Silicone Fluid  
Silicone CF-1173  
Silicone Fluid SF-96  
Silicone Fluid SF-1066

Silicone Fluid SF-1075  
Velvasil  
Viscasil

**GENERAL MILLS CHEMICALS, INC.**

Personal Care Laboratory  
2010 East Hennepin Avenue  
Minneapolis, Minnesota 55413  
612/378-8605  
Alamine 304  
Aliquat H226  
Aytex  
Covitol F-50  
Covitol 81  
Covitol 100S  
Deriphath 151  
Deriphath 151C  
Deriphath 160  
Deriphath 160C  
Deriphath 160-2  
Deriphath 170  
Deriphath 170B  
Deriphath 170C

Embo  
Generol 122  
Generol 122 E 5  
Generol 122 E10  
Generol 122 E16  
Generol 122 E25  
Generol 425  
Merit  
Paygel  
Pro Vim  
SNP-19  
Supercol  
Supercol U Powder

**GEORGIA KAOLIN COMPANY**

433 North Broad Street  
Elizabeth, New Jersey 07207  
201/352-9800  
Gelwhite GP

**GIVAUDAN CORPORATION**

100 Delawanna Avenue  
Clifton, New Jersey 07014  
201/546-8000  
Delyl Extra  
Delyl Prime  
G-4  
G-11  
Giv-Gard DXN

Giv-Tan F  
Stabilizer D-17  
Stabilizer #1  
Thibetolide  
Versalide

**GLIDDEN-DURKEE**

Division of SCM Corporation  
900 Union Commerce Building  
Cleveland, Ohio 44115  
216/771-5121  
Creamtex

**GLYCO CHEMICALS, INC.**

51 Weaver Street  
Greenwich, Connecticut 06830  
203/661-1000

Aldo HMO  
Aldo HMS  
Aldo MC  
Aldo MLD  
Aldo MO  
Aldo MOD  
Aldo MR  
Aldo MS  
Aldo MSA  
Aldo MSD  
Aldo MSLG  
Aldosperse AA 40/60  
Aldosperse MS-20  
Aldosperse O-20  
Aldosperse TS-20  
Aldosperse TS-40  
Aldo TO  
Dantoin DMDMH-55  
Dantoin DMH  
Dantoin DMHF  
Dantoin DMHF-75  
Dantoin MDMH  
Diglycol Laurate S  
Ethosperse G-26  
Ethosperse LA-4  
Ethosperse LA-12  
Ethosperse SL-20  
Ethosperse TDA-6  
Glycomul L  
Glycomul LC  
Glycomul O  
Glycomul P  
Glycomul S  
Glycomul SOC Special  
Glycomul TO  
Glycomul TS  
Glycon B-70  
Glycon DC  
Glycon DP  
Glycon DS  
Glycon DT  
Glycon HTG  
Glycon HVG  
Glycon P-45  
Glycon RO  
Glycon S-65  
Glycon S-70  
Glycon S-80  
Glycon S-90  
Glycon TP  
Glycon WO  
Glycosperse L-20  
Glycosperse L-20X

Glycosperse O-5  
Glycosperse O-20  
Glycosperse O-20 VEG  
Glycosperse O-20X  
Glycosperse P-20  
Glycosperse S-20  
Glycosperse TO-20  
Glycosperse TS-20  
Pegosperser PS  
Pegosperser 50 DS  
Pegosperser 50 MS  
Pegosperser 100 L  
Pegosperser 100 LN  
Pegosperser 100 ML  
Pegosperser 100 MR  
Pegosperser 100 O  
Pegosperser 100 S  
Pegosperser 200 DL  
Pegosperser 200 ML  
Pegosperser 200 MO  
Pegosperser 200 MS  
Pegosperser 300 MO  
Pegosperser 350 MS  
Pegosperser 400 DL  
Pegosperser 400 DO  
Pegosperser 400 DOT  
Pegosperser 400 DS  
Pegosperser 400 DTR  
Pegosperser 400 MC  
Pegosperser 400 ML  
Pegosperser 400 MO  
Pegosperser 400 MOT  
Pegosperser 400 MS  
Pegosperser 450 MO  
Pegosperser 600 DOT  
Pegosperser 600 ML  
Pegosperser 600 MO  
Pegosperser 600 MS  
Pegosperser 700 TO  
Pegosperser 900 MP  
Pegosperser 900 MS  
Pegosperser 1000 MS  
Pegosperser 1100 CO  
Pegosperser 1500 DL  
Pegosperser 1500 DO  
Pegosperser 1500 MS  
Pegosperser 1750 MS  
Pegosperser 2000 CO  
Pegosperser 4000 DO  
Pegosperser 4000 MS  
Pegosperser 9000 CO  
Pegosperser 9000 HCO

**B. F. GOODRICH CHEMICAL COMPANY**

6100 Oak Tree Boulevard  
Cleveland, Ohio 44131  
216/524-0200  
Carbopol 934  
Carbopol 934P  
Carbopol 940  
Carbopol 941  
Carbopol 960

Carbopol 961  
Carboset 514  
Carboset 515  
Carboset 525

**R. W. GREEFF & COMPANY, INC.**

One Rockefeller Plaza  
New York, New York 10020  
212/246-9680

*Antioxidant No. 221*      *Heliophan*  
*Aseptiform*                      *Propyl Aseptiform*

**GREFCO, INC.**

3435 West Lomita Boulevard  
Torrance, California 90505  
213/775-2781

*Dicalite Speedex*  
*Dicalite Superaid*  
*Dicalite 231*

**A. GROSS & COMPANY**

Division of Millmaster Onyx Corporation  
P.O. Box 818  
Newark, New Jersey 07101  
201/344-0900

<i>Groco 2</i>	<i>Grocor 400</i>
<i>Groco 4</i>	<i>Grocor 1000</i>
<i>Groco 5L</i>	<i>Grocor 1200</i>
<i>Groco 6</i>	<i>Grocor 5220</i>
<i>Groco 20</i>	<i>Grocor 5410</i>
<i>Groco 24</i>	<i>Grocor 5420</i>
<i>Groco 25</i>	<i>Grocor 5420N</i>
<i>Groco 26</i>	<i>Grocor 5420SE</i>
<i>Groco 29</i>	<i>Grocor 5500</i>
<i>Groco 40</i>	<i>Grocor 5510</i>
<i>Groco 41</i>	<i>Grocor 5530</i>
<i>Groco 54</i>	<i>Grocor 5810</i>
<i>Groco 55</i>	<i>Grocor 5820</i>
<i>Groco 55L</i>	<i>Grocor 6000</i>
<i>Groco 58</i>	<i>Grocor 6000 SE</i>
<i>Groco 59</i>	<i>Grocor 8008</i>
<i>Grocor 300</i>	<i>Grocor 8024</i>

**GRUENAU**

(See Chemische Fabrik Gruenau)

**GULF OIL CORPORATION**

Petrochemicals Division  
P.O. Box 2100  
Houston, Texas 77001  
713/226-1516

*Gulfwax 27*  
*Gulfwax 33*

## — H —

**HAARMANN & REIMER CORPORATION**

111 U.S. Highway 22  
Springfield, New Jersey 07081  
201/686-3132

*Sunscreens Agent AV*      *Sunscreens Agent H&R*  
660523 (Neo Heliophan AV)      656078 (Neo Heliophan H&R)

**HAMPSHIRE CHEMICALS**

Dewey and Almy Chemical Division  
W. R. Grace & Company  
Poisson Avenue  
Nashua, New Hampshire 03060  
603/888-2320

<i>Hamp-Ene Acid</i>	<i>Hamp-OI Crystals</i>
<i>Hamp-Ene Copper</i>	<i>Hamp-OI 120</i>
<i>Chelate #55-505</i>	<i>Hamposyl C</i>
<i>Hamp-Ene 13.5%</i>	<i>Hamposyl C-30</i>
<i>Copper Chelate</i>	<i>Hamposyl L</i>
<i>Hamp-Ene Na<sub>2</sub></i>	<i>Hamposyl L-30</i>
<i>Hamp-Ene Na<sub>3</sub></i>	<i>Hamposyl L-95</i>
<i>Hamp-Ene Na<sub>4</sub></i>	<i>Hamposyl M</i>
<i>Hamp-Ene 100</i>	<i>Hamposyl M-30</i>
<i>Hamp-Ene 215</i>	<i>Hamposyl O</i>
<i>Hamp-Ex Acid</i>	<i>Hamposyl S</i>
<i>Hamp-Ex 80</i>	<i>Hampshire DEG</i>

**HENKEL, INC.**

480 Alfred Avenue  
Teaneck, New Jersey 07666  
201/837-4200

<i>Aethoxal</i>	<i>Standamul G-16</i>
<i>Avirol BOD-153</i>	<i>Standamul LA-1</i>
<i>Avirol BOD 253</i>	<i>Standamul LA-2</i>
<i>Avirol 115 Special</i>	<i>Standamul LA-3</i>
<i>Avirol 118 Conc.</i>	<i>Standamul O2</i>
<i>Avirol 130</i>	<i>Standamul O5</i>
<i>Avirol 200</i>	<i>Standamul O10</i>
<i>Avirol 300</i>	<i>Standamul O20</i>
<i>Cetiol A</i>	<i>Standamul 302</i>
<i>Cetiol HE</i>	<i>Standamul 1410E</i>
<i>Cetiol V</i>	<i>Standamul 1414E</i>
<i>Comperlan KD</i>	<i>Standamul 1616</i>
<i>Comperlan LD</i>	<i>Standapol A</i>
<i>Comperlan LM</i>	<i>Standapol AB-45</i>
<i>Comperlan LP</i>	<i>Standapol Conc F-3</i>
<i>Comperlan MM</i>	<i>Standapol Conc. 7021</i>
<i>Comperlan OD</i>	<i>Standapol Conc. 7023</i>
<i>Comperlan 100</i>	<i>Standapol CS Paste</i>
<i>Cutina AGS</i>	<i>Standapol DEA</i>
<i>Cutina LM</i>	<i>Standapol DX</i>
<i>Dehydag Wax E</i>	<i>Standapol E Conc</i>
<i>Dehydag Wax N</i>	<i>Standapol EA-1</i>
<i>Dehydag Wax O</i>	<i>Standapol EA-2</i>
<i>Dehydag Wax SX</i>	<i>Standapol EA-3</i>
<i>Dehydol LS-3</i>	<i>Standapol EA-40</i>
<i>Dehydol 100</i>	<i>Standapol ES 1</i>
<i>Dehymuls E</i>	<i>Standapol ES 2</i>
<i>Dehymuls K</i>	<i>Standapol ES 3</i>
<i>Dehyquart A</i>	<i>Standapol ES 40</i>
<i>Dehyquart C</i>	<i>Standapol ETA-2</i>
<i>Dehyquart CDB</i>	<i>Standapol MLS</i>
<i>Dehyquart LT</i>	<i>Standapol OLB-50</i>
<i>Dehyquart SP</i>	<i>Standapol S</i>
<i>Dehyton AB-30</i>	<i>Standapol SH-100</i>
<i>Emulgade F</i>	<i>Standapol SH-135 Special</i>
<i>Emulgade F Special</i>	<i>Standapol SH-200</i>
<i>Eumulgin C-700</i>	<i>Standapol SH-300</i>
<i>Eumulgin C-1000</i>	<i>Standapol SHC-101</i>
<i>Eumulgin C-1500</i>	<i>Standapol SHC-301</i>
<i>Eumulgin MB</i>	<i>Standapol T</i>
<i>Eumulgin O5</i>	<i>Standapol TS-100</i>
<i>Eumulgin O10</i>	<i>Standapol WA-AC</i>
<i>Eutanol G</i>	<i>Standapol WAQ Special</i>
<i>Eutanol G-16</i>	<i>Standapol WAQ 115</i>
<i>Eutanol G-32</i>	<i>Standapol WAS 100</i>
<i>Eutanol G-32/36</i>	<i>Standapol 110</i>
<i>H.D. Eutanol</i>	<i>Standapol 112 Conc</i>
<i>H.D. Oleyl Alcohol CG</i>	<i>Standapol 125E</i>
<i>H.D. Oleyl Alcohol 70/75</i>	<i>Standapol 130-E</i>
<i>H.D. Oleyl Alcohol 80/85</i>	<i>Standapol 230-E</i>
<i>H.D. Oleyl Alcohol 90/95</i>	<i>Sulfofon WA 1</i>
<i>Myritol 318</i>	<i>Sulfofon WA 1 Special</i>
<i>Polyquart H</i>	<i>Sulfofon WA 3</i>
<i>Product 6980</i>	<i>Texapon A-400</i>
<i>Standamid CD</i>	<i>Texapon EVR</i>
<i>Standamid CM</i>	<i>Texapon Extract N25</i>
<i>Standamid KD</i>	<i>Texapon Extract N40</i>
<i>Standamid KDM</i>	<i>Texapon K12</i>
<i>Standamid LD</i>	<i>Texapon K14</i>
<i>Standamid LP</i>	<i>Texapon K 14S Special</i>
<i>Standamid PD</i>	<i>Texapon K-1296</i>
<i>Standamid SD</i>	<i>Texapon MLS</i>
<i>Standamox O1</i>	<i>Texapon NT</i>
<i>Standamul CTA</i>	<i>Texapon V HC Needles</i>
<i>Standamul CTV</i>	<i>Texapon V HC Powder</i>
<i>Standamul DIPA</i>	<i>Texapon ZHC</i>
<i>Standamul G</i>	<i>Turpinal 4NL</i>

**HENNINGSEN FOODS, INC.**

2 Corporate Park Drive  
White Plains, New York 10604  
914/694-1000

*Egg White*                      *Egg Yolk Solids*  
*Solids Type P-20*              *Type Y-1*

## Henningsen Foods, Inc. (Cont.)

Granular Hennegg  
Albumen Type G-1  
Instant Egg White  
Solids Type P-600

Spray Dried Whole  
Egg Solids Type W-1

### HERCULES, INC.

910 Market Street  
Wilmington, Delaware 19899  
302/575-6500

Abalyn	Klucel H
Abitol	Klucel HF
Abitol Methacrylate	Klucel HP
Cellolyn 102	Klucel M
CMC-7HF	Natrosol 150
CMC-7H3SF	Natrosol 250
CMC-7LF	Pentalyn A
CMC-7MF	Reten 205M
CMC-12M31P	Reten 210
CMHEC	Reten 220
Delsette 101	Reten 420
Dipentene No. 122	Reten 421
Genu	Reten 423
Herco Pine Oil	Reten 425
Hercolyn D	Solvenol No. 2
Klucel	Terpineol 318

### HETERENE CHEMICAL COMPANY, INC.

792 21st Avenue  
Paterson, New Jersey 07513  
201/278-2000  
Hetamide ML

### HILTON-DAVIS CHEMICAL COMPANY

Division of Sterling Drug, Inc.  
2235 Langdon Farm Road  
Cincinnati, Ohio 45237  
513/351-1300

Cyncal	Roccal
Phthalocyanine Blue	Roccal MC-14
Phthalocyanine Green	

### HODAG CHEMICAL CORPORATION

7247 North Central Park Avenue  
Skokie, Illinois 60076  
312/675-3950

Hodag CSA-80	Hodag PE-1820
Hodag CSA-91	Hodag PEG 400
Hodag DGS-C	Hodag PGMS
Hodag DGS-N	Hodag PSML-20
Hodag EGMS	Hodag PSMP-20
Hodag GMO	Hodag SMS
Hodag GMS	Hodag SSO
Hodag L-4	Hodag 20-L
Hodag L-23	Hodag 32-O
Hodag Nonionic 1802 F	Hodag 40-S
Hodag PE-1803	Hodag 150-S
Hodag PE-1810	Soleterge 8

### HOFFMANN-LA ROCHE, INC.

340 Kingsland Street  
Nutley, New Jersey 07110  
201/235-2438

AquApalm No. 63841	Vitamin A Palmitate
DL-Panthenol Cosmetic	Type PIMO No. 83828
Grade No. 63920	Vitamin A Palmitate with
D-Panthenol No. 63912	Vitamin D <sub>2</sub> No. 63898
DL-Panthenol No. 63915	Vitamin E Acetate No. 60526
D-Panthenol Regular	Vitamin E No. 60524
Type No. 63909	

### J. M. HUBER CORPORATION

Chemicals Division  
P.O. Box 310  
Havre de Grace, Maryland 21078  
301/939-3500

Zeo 49	Zeolex 35
Zeofree 80	Zeosyl 200
Zeofree 153	Zeothix 95
Zeolex 23A	Zeothix 106

## Ikeda Bussan Kaisha, Ltd.

### HUMKO SHEFFIELD CHEMICAL

(Operation of Kraftco Corporation)  
1099 Wall Street West  
Lyndhurst, New Jersey 07071  
201/935-9105

Edamin S	Hystrene 9016
Hy-Case Amino	Hystrene 9022
Hy-Case SF	Hystrene 9718
Hystrene 4516	Industrene 5016
Hystrene 5016	N-Z-Amine AS
Hystrene 7016	Peptonized Milk Nutrient
Hystrene 7018	

### ICI UNITED STATES, INC.

Wilmington, Delaware 19897  
302/575-3000

A-641	Brij 93
Arlacel C	Brij 96
Arlacel 20	Brij 97
Arlacel 40	Brij 98
Arlacel 60	Brij 99
Arlacel 80	Darco
Arlacel 83	G-271
Arlacel 85	G-1441
Arlacel 165	G-1471
Arlacel 186	G-1702
Arlamol E	G-1726
Arlatone G	G-1790
Arlatone T	G-1795
Arlex	G-2151
Atlas G-271	G-2153
Atlas G-1441	G-2162
Atlas G-1471	G-3720
Atlas G-1702	G-3780-A
Atlas G-1726	G-3802
Atlas G-1790	G-7596DJ
Atlas G-1795	G-7596J
Atlas G-2151	Myrj 45
Atlas G-2153	Myrj 52
Atlas G-2162	Myrj 52S
Atlas G-3720	Myrj 53
Atlas G-3780-A	Myrj 59
Atlas G-3802	Renex 20
Atlas G-7596DJ	Renex 697
Atlas G-7596J	Sorbo
Atmos 150	Span 20
Atmos 300	Span 40
Atmul 84	Span 60
Atmul 124	Span 65
Brij 30	Span 80
Brij 30 Special	Span 85
Brij 35	Tween 20
Brij 35SP	Tween 21
Brij 52	Tween 40
Brij 56	Tween 60
Brij 58	Tween 61
Brij 72	Tween 65
Brij 76	Tween 80
Brij 78	Tween 81
Brij 92	Tween 85

### IDEAL CHEMICAL & SUPPLY COMPANY

P.O. Box 18439  
Memphis, Tennessee 38118  
901/363-7720

Detergent 66  
Non-Fer-Al

### IKEDA BUSSAN KAISHA, LTD.

New Tokyo Building, No. 3-1  
Marunouchi 3-Chome  
Chiyoda-Ku, Tokyo 100  
Japan  
Luminex  
Takanal

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**

ICI England  
P.O. Box 42  
Hexagon House  
Blackley, Manchester M9 3DA  
England  
*Hibitane*  
*Hibitane Digluconate*

**INDEPENDENT CHEMICAL CORPORATION**

79-51 Cooper Avenue  
Glendale, New York 11227  
212/894-0700  
*Snowflake Crystals*

**INOLEX PERSONAL CARE DIVISION**

Wilson Pharmaceutical & Chemical Corporation  
3 Science Road  
Glenwood, Illinois 60425  
312/755-2933

<i>Benzyl Tegosept</i>	<i>Tegester Hexadecyl Stearate</i>
<i>Bronopol</i>	<i>Tegester Isomyst</i>
<i>Butyl Tegosept</i>	<i>Tegester Isopalm</i>
<i>Isolan</i>	<i>Tegester PG-8-10</i>
<i>Isomyst</i>	<i>Tegester Spreading Agent</i>
<i>Lexate CRC</i>	<i>Tegester 504-D</i>
<i>Lexemul DGS</i>	<i>Tegin</i>
<i>Lexemul 561</i>	<i>Tegin P</i>
<i>Protegin X</i>	<i>Tegin 55G</i>
<i>Protein WSP-X-250</i>	<i>Tegin 503</i>
<i>Protein WSP-X-1000</i>	<i>Tegin 515</i>
<i>Tegacid N</i>	<i>Tegin 530</i>
<i>Tegacid, Regular</i>	<i>Tegobetaine C</i>
<i>Tegacid, Special</i>	<i>Tegone A</i>
<i>Tegamine B-13</i>	<i>Tego-Oleic 130</i>
<i>Tegamine C-13</i>	<i>Tegosept B</i>
<i>Tegamine L-13</i>	<i>Tegosept E</i>
<i>Tegamine M-13</i>	<i>Tegosept M</i>
<i>Tegamine O-13</i>	<i>Tegosept P</i>
<i>Tegamine P-13</i>	<i>Tegostearic 254</i>
<i>Tegamine S-13</i>	<i>Tegostearic 255</i>
<i>Tegamine TP-13</i>	<i>Tegostearic 272</i>
<i>Tegamine 22</i>	<i>Tegyl</i>
<i>Tegester Butyl Stearate</i>	<i>WSP-A200 Alco-Pro</i>
<i>Tegester EGDS</i>	<i>WSP-A200 Aqua-Pro</i>
<i>Tegester Emollient 60</i>	<i>WSP-A200 Dry</i>
<i>Tegester Emollient 552</i>	<i>WSP-A200T</i>
<i>Tegester Emollient 3975</i>	

**INTERNATIONAL WAX REFINING COMPANY, INC.**

181 East Jamaica Avenue  
Valley Stream, New York 11580  
516/561-2500  
*B Wax*  
*Ceresin Wax*

*Micro Wax*  
*Mismo Beeswax*

**INTERPOLYMER CORPORATION**

330 Pine Street  
Canton, Massachusetts 02021  
617/828-7120  
*Polymer KL 219C*  
*Polymer 5002*  
*Polymer 5170*

**INTRACOLOR**

(See Crompton & Knowles Corporation)  
*Product 332*

— J —

**JAHRES FABRIKKER A/S**

3201 Sandefjord  
Norway  
(Distributed by Polyesther Corporation in U.S.A.)  
*JA-FA BO*  
*JA-FA BS*

*JA-FA IPM*  
*JA-FA IPO*

*JA-FA IPP*  
*JA-FA IPS*

*JA-FA MO*  
*JA-FA MS*

**JEFFERSON CHEMICAL COMPANY, INC.**

3336 Richmond Avenue  
P.O. Box 53300  
Houston, Texas 77052  
713/529-4471

<i>Jeffersol DE-75</i>	<i>Surfonic N-200</i>
<i>Surfonic N-10</i>	<i>Surfonic N-300</i>
<i>Surfonic N-40</i>	<i>Surfonic N-400</i>
<i>Surfonic N-60</i>	<i>Surfonic N-500</i>
<i>Surfonic N-95</i>	<i>Surfonic NB-5</i>
<i>Surfonic N-100</i>	<i>Surfonic NB-14</i>
<i>Surfonic N-102</i>	<i>Surfonic NB-15</i>
<i>Surfonic N-120</i>	<i>Thanol PPG-2000</i>
<i>Surfonic N-150</i>	

**JOHNS-MANVILLE PRODUCTS CORPORATION**

Filtration & Minerals Division  
Greenwood Plaza  
Denver, Colorado 80217  
303/770-1000

<i>Celite 281</i>	<i>Celkate T-21</i>
<i>Celite 501</i>	<i>Filter-Cel</i>
<i>Celite 503</i>	<i>Hyflo Super-Cel</i>
<i>Celite 512</i>	<i>Micro-Cel C</i>
<i>Celite 521 AW</i>	<i>Micro-Cel E</i>
<i>Celite 545</i>	<i>Micro-Cel T-38</i>
<i>Celite 550</i>	<i>Standard Super-Cel</i>
<i>Celite 560</i>	<i>Super Floss</i>
<i>Celite 577</i>	

— K —

**KAO ATLAS COMPANY, LTD.**

7-18 1 Chome  
Bakuro-Cho  
Nihonbashi  
Chuo-Ku  
Tokyo, Japan  
*Demol EP*

**KAO SOAP COMPANY, LTD.**

1-Chome Kayaba-cho Nihonbashi Chuo-ku  
Tokyo 103, Japan  
*New Econa 200 CH*

**KAOPOLITE, INC.**

300 South Avenue, Box 6  
Garwood, New Jersey 07027  
201/789-0609  
*Kaopolite GC*  
*Kaopolite SF*

**KATSURA CHEMICAL COMPANY, LTD.**

4-2 Nihonbashi-Honcho  
Chuo-Ku  
Tokyo, Japan  
*PAP*  
*PAT-30*

**KELCO COMPANY**

8355 Aero Drive  
San Diego, California 92123  
714/292-4900

<i>Dariloid QH</i>	<i>Kelgin HV</i>
<i>Kelacid</i>	<i>Kelmar</i>
<i>Kelco SCS</i>	<i>Kelmar Improved</i>
<i>Kelco-Gel</i>	<i>Keltone</i>
<i>Kelcoloid</i>	<i>Keltose</i>
<i>Kelcosol</i>	<i>Keltrol</i>
<i>Kelgin F</i>	<i>Kelzan</i>

**KNAPP PRODUCTS, INC.**

Lodi, New Jersey 07644  
201/478-7945

Isopalm K  
Linamine HC-2  
Polylin 155  
Polymoist 799  
Polymulse 6  
Polysolve 6  
Polytex 10

**H. KOHNSTAMM & COMPANY, INC.**

161 Avenue of the Americas  
New York, New York 10013  
212/929-7000

A-4575 Ultramarine Blue  
A-6205 Red Iron Oxide  
A-6931 Cosmetic Green  
A-8214 Cosmetic Iron Black  
A-8534 Cosmetic Umber  
A-8595 Cosmetic Green  
A-9829 Ultramarine Blue  
Annatto B-1973 OS  
Atlas Lakolene B-3012  
Atlas Lakolene B-3014  
Atlas Lakolene B-3015  
Atlas Lakolene B-3016  
Atlas Lakolene B-3017  
Atlas White Titanium Dioxide  
B-1973 OS Annatto  
B-3012 Atlas Lakolene  
B-3014 Atlas Lakolene  
B-3015 Atlas Lakolene  
B-3016 Atlas Lakolene  
B-3017 Atlas Lakolene  
B-3241 Cosmetic Umber  
B-3279 Cosmetic Brown Y  
B-3323 Lakolene Green #1 Replacement  
B-3347 Hi Dye Lakolene  
B-3349 Hi Dye Lakolene  
B-3389 Cosmetic Umber  
B-3397 Hi Dye Lakolene  
B-3398 Hi Dye Lakolene  
B-3495 Cosmetic Burnt Umber  
B-3619 Koleophilic FD & C Yellow No. 5 OS Liquid Color  
B-3621 Koleophilic FD & C Blue No. 1  
B-3629 Koleophilic FD & C Yellow No. 6  
B-3630 Koleophilic FD & C Green No. 3  
B-3632 Koleophilic FD & C Red No. 3  
B-3633 Koleophilic D & C Red No. 22 OS Liquid Color  
B-3634 Koleophilic D & C Red No. 28 OS Liquid Color  
B-3635 Koleophilic D & C Yellow No. 8 OS Liquid Color  
B-3661 Koleophilic FD & C Red No. 4 OS Liquid Color  
C-1624 Cosmetic Ochre  
C-1654 Cosmetic Brown  
C-1769 Cosmetic Iron Blue  
Cosmetic Brown C-1654  
Cosmetic Brown Y B-3279  
Cosmetic Burnt Umber B-3495  
Cosmetic Green A-6931  
Cosmetic Green A-8595  
Cosmetic Iron Black A-8214  
Cosmetic Iron Blue C-1769  
Cosmetic Ochre C-1624  
Cosmetic Ochre 1667  
Cosmetic Ochre 3382  
Cosmetic Ochre 3506  
Cosmetic Raw Sienna 2673  
Cosmetic Red 3469  
Cosmetic Sun Tan 2770  
Cosmetic Umber A-8534  
Cosmetic Umber B-3241  
Cosmetic Umber B-3389  
D & C Blue #1 Aluminum Lake K-7117  
D & C Blue #6 K-7024  
D & C Green #5 K-7015  
D & C Green #6 K-7016  
D & C Green #8 K-7157  
D & C Orange #4 Aluminum Lake K-7074  
D & C Orange #5 K-7003  
D & C Orange #17 Lake K-7081  
D & C Red #3 Aluminum Lake K-7002  
D & C Red #3 Aluminum Lake K-7966  
D & C Red #6 Barium Lake K-7096  
D & C Red #6 K-7034  
D & C Red #7 Calcium Lake K-7044  
D & C Red #7 Calcium Lake K-7121  
D & C Red #7 Calcium Lake K-7183  
D & C Red #8 K-7043  
D & C Red #9 Barium Lake K-7006  
D & C Red #10 Sodium Lake K-7090  
D & C Red #11 Calcium Lake K-7066  
D & C Red #11 Calcium Lake K-7082  
D & C Red #12 K-7136  
D & C Red #17 K-7007  
D & C Red #19 Aluminum Lake K-7040  
D & C Red #19 K-7029  
D & C Red #21 Aluminum Lake K-7126  
D & C Red #21 K-7061  
D & C Red #22 K-7008  
D & C Red #27 Aluminum Lake K-7177  
D & C Red #27 K-7053  
D & C Red #28 K-7054  
D & C Red #30 Lake K-7094  
D & C Red #30 Lake K-7156  
D & C Red #31 K-7062  
D & C Red #33 K-7057

D & C Red #34 Lake K-7122  
D & C Red #36 K-7060  
D & C Red #36 Lake K-7170  
D & C Red #37 K-7028  
D & C Violet #2 K-7014  
D & C Yellow #5 Zirconium Lake K-7089  
D & C Yellow #6 Aluminum Lake K-7009  
D & C Yellow #7 K-7133  
D & C Yellow #8 K-7005  
D & C Yellow #10 Aluminum Lake K-7181  
D & C Yellow #10 K-7059  
D & C Yellow #11 K-7064  
Ext. D & C Green #1 K-7104  
Ext. D & C Yellow #1 K-7018  
Ext. D & C Yellow #7 Aluminum Lake K-6298  
Ext. D & C Yellow #7 K-7164  
Hercules Mint Green  
Hi Dye Lakolene B-3347  
Hi Dye Lakolene B-3349  
Hi Dye Lakolene B-3397  
Hi Dye Lakolene B-3398  
K-6298 Ext. D & C Yellow #7 Aluminum Lake  
K-7002 D & C Red #3 Aluminum Lake  
K-7003 D & C Orange #5  
K-7005 D & C Yellow #8  
K-7006 D & C Red #9 Barium Lake  
K-7007 D & C Red #17  
K-7008 D & C Red #22  
K-7009 D & C Yellow #6 Aluminum Lake  
K-7014 D & C Violet #2  
K-7015 D & C Green #5  
K-7016 D & C Green #6  
K-7018 Ext. D & C Yellow #1  
K-7024 D & C Blue #6  
K-7028 D & C Red #37  
K-7029 D & C Red #19  
K-7034 D & C Red #6  
K-7040 D & C Red #19 Aluminum Lake  
K-7043 D & C Red #8  
K-7044 D & C Red #7 Calcium Lake  
K-7053 D & C Red #27  
K-7054 D & C Red #28  
K-7057 D & C Red #33  
K-7059 D & C Yellow #10  
K-7060 D & C Red #36  
K-7061 D & C Red #21  
K-7062 D & C Red #31  
K-7064 D & C Yellow #11  
K-7066 D & C Red #11 Calcium Lake  
K-7074 D & C Orange #4 Aluminum Lake  
K-7081 D & C Orange #17 Lake  
K-7082 D & C Red #11 Calcium Lake  
K-7089 D & C Yellow #5 Zirconium Lake  
K-7090 D & C Red #10 Sodium Lake  
K-7094 D & C Red #30 Lake  
K-7096 D & C Red #6 Barium Lake  
K-7104 Ext. D & C Green #1  
K-7117 D & C Blue #1 Aluminum Lake  
K-7121 D & C Red #7 Calcium Lake  
K-7122 D & C Red #34 Lake  
K-7126 D & C Red #21 Aluminum Lake  
K-7133 D & C Yellow #7  
K-7136 D & C Red #12  
K-7156 D & C Red #30 Lake  
K-7157 D & C Green #8  
K-7164 Ext. D & C Yellow #7  
K-7170 D & C Red #36 Lake  
K-7177 D & C Red #27 Aluminum Lake  
K-7181 D & C Yellow #10 Aluminum Lake  
K-7183 D & C Red #7 Calcium Lake  
K-7966 D & C Red #3 Aluminum Lake  
Koleophilic D & C Red No. 22 OS Liquid Color B-3633  
Koleophilic D & C Red No. 28 OS Liquid Color B-3634  
Koleophilic D & C Yellow No. 8 OS Liquid Color B-3635  
Koleophilic FD & C Blue No. 1 B-3621  
Koleophilic FD & C Green No. 3 B-3630  
Koleophilic FD & C Red No. 3 B-3632  
Koleophilic FD & C Red No. 4 OS Liquid Color B-3661  
Koleophilic FD & C Yellow No. 5 OS Liquid Color B-3619  
Koleophilic FD & C Yellow No. 6 B-3629  
Lakolene Green #1 Replacement B-3323  
Red Iron Oxide A-6205  
Ultramarine Blue A-4575  
Ultramarine Blue A-9829  
1667 Cosmetic Ochre  
2673 Cosmetic Raw Sienna  
2770 Cosmetic Suntan  
3382 Cosmetic Ochre  
3469 Cosmetic Red  
3506 Cosmetic Ochre

**KOLMAR LABORATORIES, INC.**

Skyline Drive  
Port Jervis, New York 12771  
914/856-5311  
Aqualizer EJ

**KURT RICHTER**

(see *Chemisches Laboratorium Dr. Kurt Richter*)



**THE LANAETEX PRODUCTS, INC.**

151-157 Third Avenue  
Elizabeth, New Jersey 07206  
201/351-9700

Castorcet	Lanoil Water/Alcohol
Cefanol A.S.-L	Soluble Lanolin
Dermoil	Lanola 90
Ethoxol 3	Lanolin A. C.
Ethoxol 10	Lanosil
Ethoxol 20	Lantox 55
Ethoxychol-24	Lantox 110
Lanaetex CLC	Lanycol-30
Lanaetex L-15	Lanycol-58
Lanaetex-75	Linsol ETO
Lanalan	Myrol-S
Lanalol	Naturol
Lanapene	Prime Cosmetic Lanolin
Lanatein-25	Pulvi-Lan 50
Lancol	Stearalchol
Lanion-27	Sterachol
Lanion-28	Texal-L
Lanoil	

**LANCASTER CHEMICAL COMPANY**

Broad and 13th Street  
Carlstadt, New Jersey 07072  
201/933-1100

Lanamid 50	Lanamid 150
Lanamid 55	Lanamid 7031
Lanamid 120	Lanamid 7032
Lanamid 120S	

**LAPORTE INDUSTRIES, LTD.**

P.O. Box 8  
Kingsway  
Luton  
Bedfordshire  
England LU4 8EW

Laponite CP	Laponite 1502
Laponite SP	Laponite 2001
Laponite XLG	Laponite 2101
Laponite XLS	Laponite 2501
Laponite 1001	Laponite 2601
Laponite 1501	

**LEESEN COLOR & CHEMICAL COMPANY, INC.**

103 Lafayette Street  
New York, New York 10013  
212/966-0330

Ext. D & C Crimson  
Red #11251  
Ext. D & C Dark Blue  
#11651  
Ext. D & C Oil Red #14226

**LIPO CHEMICALS, INC.**

114 East 32nd Street  
New York, New York 10016  
212/679-9441

Lipamide S	Lipolan 31
Lipocol B	Lipomulse 165
Lipocol C-2	Liponate EM
Lipocol C-4	Liponate L
Lipocol C-10	Liponic EG-1
Lipocol C-20	Lipo-PEG 1-L
Lipocol C-30	Lipo-PEG 1-O
Lipocol EST	Lipo-PEG 1-S
Lipocol L-1	Lipo-PEG 2 Di Laurate
Lipocol L-4	Lipo-PEG 2-L
Lipocol L-12	Lipo-PEG 2-S
Lipocol L-23	Lipo-PEG 3 Di Laurate
Lipocol M-4	Lipo-PEG 3-O
Lipocol O-2	Lipo-Peg 3-S
Lipocol O-3	Lipo-Peg 4 Di Laurate
Lipocol O-5	Lipo-Peg 4 Di Oleate
Lipocol O-10	Lipo-Peg 4-L
Lipocol O-20	Lipo-Peg 4-O
Lipocol O-25	Lipo-Peg 4-S
Lipocol PT-400	Lipo-Peg 6-L
Lipocol S-2	Lipo-Peg 6-O
Lipocol S-10	Lipo-Peg 6-S
Lipocol S-20	Lipo-Peg 10 Di Stearate
Lipocol SC-3	Lipo-Peg 10-S
Lipocol SC-4	Lipo-Peg 15-S
Lipocol SC-6	Lipo-Peg 16-S
Lipocol SC-8	Lipo-Peg 20-S
Lipocol SC-10	Liposorb L
Lipocol SC-12	Liposorb L-10
Lipocol SC-15	Liposorb L-20
Lipocol SC-20	Liposorb O
Lipocol SC-30	Liposorb O-5
Lipocol SS	Liposorb O-20
Lipocol TD-3	Liposorb P
Lipocol TD-6	Liposorb P-20
Lipocol TD-12	Liposorb S
Lipo DGLS	Liposorb S-4
Lipofruit Carrot	Liposorb S-20
Lipofruit Cucumber	Liposorb SC
Lipofruit Lemon	Liposorb SQO
Lipofruit Melon	Liposorb TO
Lipofruit Peach	Liposorb TO-20
Lipofruit Peach Nectar	Liposorb TS
Lipofruit Strawberry	Liposorb TS-20
Lipofruit White Grape	Lipovol A
Lipo GMS 410	Lipovol ALM
Lipo GMS 450	Lipovol CP
Lipo GMS 470	Lipovol P
Lipo GMS 600	Lipovol SUN
Lipolan	Lipowax

**LONZA, INC.**

22-10 Route 208  
Fair Lawn, New Jersey 07410  
201/791-7500

Amphoterge K	Barquat CT-429
Amphoterge KS	Barquat MB-50
Amphoterge K-2	Barquat MB-80
Amphoterge S	Barquat MS-100
Amphoterge SB	Barquat MX-50
Amphoterge W	Barquat MX-80
Amphoterge W-2	Barquat SB-25
Bardac 20	Barquat SME-35
Bardac 22	Lonzaine C
Barlene 12C	Lonzaine CS
Barlene 12S	Lonzaine OS
Barlene 14	Lonzaine 10S
Barlene 14S	Lonzaine 12C
Barlox C	Lonzaine 12CS
Barlox NCM	Lonzaine 14
Barlox 10S	Lonzaine 16S
Barlox 12	Lonzaine 18S
Barlox 14	Lonzest PEG-4DL
Barlox 18S	Lonzest PEG-4DO
Barquat CME-35	Lonzest PEG-4L
Barquat CT-29	Lonzest PEG-4O

**Lonza, Inc. (Cont.)**

Lonzest 143-S  
Unamide J-56  
Unamide JJ-35

Unamide N-72-3  
Unamide S

**LOWENSTEIN DYES & COSMETICS, INC.**

420 Morgan Avenue  
Brooklyn, New York 11222  
212/388-5410

Blonde R-50 (Fusion)      Brown R-36 (Fusion)  
Blonde 90 (Fusion)      Brown 226 (Fusion)  
Blonde 90-D (Fusion)      Kelene 77  
Brown GE (Fusion)

**— M —****MACFARLAN SMITH, LTD.**

Wheatfield Road  
Edinburgh EH11 2QA  
Scotland  
Bitrex

**DR. MADIS LABORATORIES, INC.**

375 Huyler Street  
South Hackensack, New Jersey 07606  
201/440-5000  
Veragel Liquid  
Veragel 200

**MALLINCKRODT CHEMICAL WORKS**

Second and Mallinckrodt Streets  
St. Louis, Missouri 63160  
314/231-8980

Bi-Lite      Spectra-Pearl BKW 6472  
Bi-Lite Ultrapearl      Spectra-Pearl BLG 6476  
Bi-Lite Ultrapress      Spectra-Pearl BLW 6470  
Bi-Lite Ultrapress Satin      Spectra-Pearl BNG 6479  
Bi-Lite Ultrawhite      Spectra-Pearl BNW 6474  
Bi-Lite 20      Spectra-Pearl GNG 6477  
Pearl-Glo      Spectra-Pearl GNW 6471  
Pearl-Glo CO      Spectra-Pearl PLW 6473  
Pearl-Glo MO      Spectra-Pearl YWG 6475  
Spectra-Pearl BKG 6478

**MALMSTROM CHEMICAL CORPORATION**

1501 West Elizabeth Avenue  
Linden, New Jersey 07036  
201/862-7500

Absorption Base AC      Emerest 2389  
Absorption Base 499-2      Emerest 2400  
Acetol      Emerest 2401  
Acidlan 20      Emerest 2403  
Clearlan      Emerest 2407  
Concentrated Multi  
Sterol Extract      Emerest 2408  
Emerest 2310      Emerest 2410  
Emerest 2314      Emerest 2421  
Emerest 2315      Emerest 2423  
Emerest 2316      Emerest 2441  
Emerest 2318      Emerest 2452  
Emerest 2325      Emerest 2620  
Emerest 2340      Emerest 2622  
Emerest 2350      Emerest 2640  
Emerest 2355      Emerest 2642  
Emerest 2360      Emerest 2646  
Emerest 2361      Emerest 2648  
Emerest 2380      Emerest 2650  
Emerest 2381      Emerest 2652  
Emerest 2384      Emerest 2660  
Emerest 2387      Emerest 2664  
Emerest 2388      Emerest 2672  
Emerest 2388      Emerest 5921

**Mearl Corporation**

Emerest 5922  
Emersal 6400  
Emersal 6430  
Emersal 6434  
Emersal 6453  
Emersal 6462  
Emerwax 1253  
Emery 6802  
Emery 9820 (Anhy-  
drous Gelling Agent)  
Emid 6500  
Emid 6510  
Emid 6511  
Emid 6515  
Emid 6531  
Emsorb 2500  
Emsorb 2502  
Emsorb 2503  
Emsorb 2505  
Emsorb 2507  
Emsorb 2510  
Emsorb 2515  
Emsorb 2518  
Emsorb 2519  
Emsorb 6900  
Emsorb 6901  
Emsorb 6903  
Emsorb 6905  
Emsorb 6906  
Emsorb 6907  
Emsorb 6910  
Emsorb 6912  
Emsorb 6915  
Emulsilan  
Esterlan  
Ethoxygel 50  
Ethoxygel 100  
Ethoxylan 50  
Ethoxylan 100  
Ethoxylol AC  
Ethoxylol-5  
Ethoxylol-16

Ethoxyol-16R  
Ethoxyol-24  
Ethoxyol-40  
Glossylan  
High Melting  
Point Lanolin  
Hydroxyol  
Isopropyl Lanolate,  
Distilled  
Juniorlan  
Lanacet  
Lanacid  
Lanfrax  
Lanfrax, Deodorized  
Lanfrax WS55  
Lantrol  
Lantrol AWS  
Nimco Distilled Lanolin  
Alcohols L.C.  
Nimcolan H  
Nimcolan LIN  
Nimcolan P  
Nimcolan T  
Nimcolan 11  
Nimco Wool  
Wax Alcohols  
Nimlesterol  
Nimlesterol D  
Nimlesterol H  
Nodorlan  
Powdertrol  
Propoxyol 5  
Protolate WS  
Sparklelan  
Super Nimco Wool  
Wax Alcohols  
Tacky Lanolin  
Tergelan  
Trisolan  
Trisolan LP  
Velvalan

**MARATHON MORCO COMPANY**

P.O. Drawer C  
Dickinson, Texas 77539  
713/337-1534  
Sontex 19  
Sontex 21  
Sontex 35  
Sontex 55  
Sontex 70

Sontex 75  
Sontex 85  
Sontex 100  
Sontex 150

**MARCHON**

(See Albright & Wilson Ltd.)

**MARINE COLLOIDS, INC.**

Rockland, Maine 04841  
207/594-4436  
Gelcarin LA  
Gelcarin SI  
Seakem LCM  
Seakem 3

Viscarin  
Viscarin TP-4  
Viscarin 402

**MEARL CORPORATION**

217 North Highland Avenue  
Ossining, New York 10562  
212/562-9060  
Biju DNC  
Cloisonne Blue CC  
Cloisonne Blue CQ

Cloisonne Blue MO  
Cloisonne Blue 100  
Cloisonne Gold CC

**Mearl Corporation (Cont.)**

<i>Cloisonne Gold CQ</i>	<i>Mearlite GEM</i>
<i>Cloisonne Gold MO</i>	<i>Mearlite GGH</i>
<i>Cloisonne Gold 100</i>	<i>Mearlite GGO</i>
<i>Cloisonne Green CC</i>	<i>Mearlite GMU</i>
<i>Cloisonne Green CQ</i>	<i>Mearlite LBU</i>
<i>Cloisonne Green MO</i>	<i>Mearlite LEH</i>
<i>Cloisonne Green 100</i>	<i>Mearlite LEJ</i>
<i>Cloisonne Red CC</i>	<i>Mearlite LEM</i>
<i>Cloisonne Red CQ</i>	<i>Mearlite LGH</i>
<i>Cloisonne Red MO</i>	<i>Mearlite LGO</i>
<i>Cloisonne Red 100</i>	<i>Mearlite RBU</i>
<i>Flamenco Blue CC</i>	<i>Mearlite REH</i>
<i>Flamenco Blue CQ</i>	<i>Mearlite REJ</i>
<i>Flamenco Blue MO</i>	<i>Mearlite REM</i>
<i>Flamenco Blue 100</i>	<i>Mearlite RGH</i>
<i>Flamenco Gold CC</i>	<i>Mearlite RGO</i>
<i>Flamenco Gold CQ</i>	<i>Mearlmaid AA</i>
<i>Flamenco Gold MO</i>	<i>Mearlmaid BN</i>
<i>Flamenco Gold 100</i>	<i>Mearlmaid CP</i>
<i>Flamenco Green CC</i>	<i>Mearlmaid FL</i>
<i>Flamenco Green CQ</i>	<i>Mearlmaid KN</i>
<i>Flamenco Green MO</i>	<i>Mearlmaid OL</i>
<i>Flamenco Green 100</i>	<i>Mearlmaid PLN</i>
<i>Flamenco Pearl CC</i>	<i>Mearlmaid PLO</i>
<i>Flamenco Pearl CQ</i>	<i>Mearlmaid RN</i>
<i>Flamenco Pearl MO</i>	<i>Mearlmaid TR</i>
<i>Flamenco Pearl SEC</i>	<i>Shinju White CB</i>
<i>Flamenco Pearl 100</i>	<i>Shinju White DC</i>
<i>Flamenco Red CC</i>	<i>Shinju White MA</i>
<i>Flamenco Red CQ</i>	<i>Shinju White 100A</i>
<i>Flamenco Red MO</i>	<i>Timica</i>
<i>Flamenco Red 100</i>	<i>Timica Brilliant Gold</i>
<i>Flamenco Satina SEC</i>	<i>Timica Brilliant Gold Sparkle</i>
<i>Flamenco Superpearl CC</i>	<i>Timica Iridescent Red</i>
<i>Flamenco Superpearl CQ</i>	<i>Timica Pale Gold</i>
<i>Flamenco Superpearl MO</i>	<i>Timica Pearlwhite</i>
<i>Flamenco Superpearl SEC</i>	<i>Timica Silkwhite</i>
<i>Flamenco Superpearl 100</i>	<i>Timica Sparkle</i>
<i>Mearlite GBU</i>	
<i>Mearlite GEH</i>	
<i>Mearlite GEJ</i>	

**MERCK & COMPANY, INC.**

Merck Chemical Division  
126 East Lincoln Avenue  
Rahway, New Jersey 07065  
201/381-5000  
*Calgon*  
*Merquat-100*  
*Merquat-550*  
*Neo-Cebicure*

**M. MICHEL AND COMPANY, INC.**

90 Broad Street  
New York, New York 10004  
212/344-3878  
*Cachalot C-50*  
*Cachalot C-51*  
*Cachalot C-52*  
*Cachalot D-5*  
*Cachalot L-50*  
*Cachalot L-90*  
*Cachalot M-43*  
*Cachalot O-3*  
*Cachalot O-8*  
*Cachalot O-15*  
*Cachalot S-53*  
*Cachalot S-54*  
*Cachalot S-56*  
*Michel XO-143*  
*Michel XO-144*  
*Michel XO-146*  
*Michel XO-147*

**THE MIRANOL CHEMICAL COMPANY, INC.**

277 Coit Street  
Irvington, New Jersey 07111  
201/399-7000  
*Compound TL*  
*Miramine SH*  
*Miramine TA 30*  
*Miramine TA 30-A*  
*Miranol CM Conc.*  
*Miranol CM Conc. N.P.*  
*Miranol CM-SF Conc.*  
*Miranol CS Conc.*  
*Miranol C2M Conc.*

**Morton Chemical Company**

<i>Miranol C2M Conc. N.P.</i>	<i>Miranol H2M-SF Conc.</i>
<i>Miranol C2M-SF Conc.</i>	<i>Miranol MHT</i>
<i>Miranol DM</i>	<i>Miranol OM-SF Conc.</i>
<i>Miranol HM Conc. N.P.</i>	<i>Miranol SHD Conc.</i>
<i>Miranol HS Conc.</i>	<i>Miranol 2MCA Mod.</i>
<i>Miranol H2M Conc.</i>	<i>Miranol 2MCAS Mod.</i>
<i>Miranol H2M Conc. N.P.</i>	<i>Miranol 2MCT Mod.</i>
	<i>Miranol 2MHT Mod.</i>

**MITSUBISHI INTERNATIONAL CORPORATION**

Chemicals Department  
277 Park Avenue  
New York, New York 10017  
212/922-5054  
18G

**MOBIL CHEMICAL COMPANY**

Petrochemicals Division  
150 East 42nd Street  
New York, New York 10017  
212/883-3755  
*Mobil Wax*

**MONA INDUSTRIES, INC.**

65 East 23rd Street  
Paterson, New Jersey 07524  
201/274-8220

<i>Monamate CPA-40</i>	<i>Monamid 718A</i>
<i>Monamid 15-65</i>	<i>Monamid 759</i>
<i>Monamid 15-70W</i>	<i>Monamid 770</i>
<i>Monamid ADD-633-LE</i>	<i>Monamid 815</i>
<i>Monamid CIPA</i>	<i>Monamid 835</i>
<i>Monamid CMA</i>	<i>Monamine AA-100</i>
<i>Monamid LIPA</i>	<i>Monamine ACO-100</i>
<i>Monamid LMA</i>	<i>Monamine ADD-100</i>
<i>Monamid LMIPA</i>	<i>Monamine ADD-100-LE</i>
<i>Monamid LM-MA</i>	<i>Monamine ALX-80SS</i>
<i>Monamid R31-42</i>	<i>Monamine ALX-100S</i>
<i>Monamid S</i>	<i>Monamine LM-100</i>
<i>Monamid 150-ADD</i>	<i>Monamine R-2011</i>
<i>Monamid 150-ADY</i>	<i>Monamine 779</i>
<i>Monamid 150-CEW-C</i>	<i>Monaquat ISIES</i>
<i>Monamid 150-CW</i>	<i>Monateric CA-35</i>
<i>Monamid 150-IS</i>	<i>Monateric CAB</i>
<i>Monamid 150 LMW C</i>	<i>Monateric ISA-CI</i>
<i>Monamid 150 LW</i>	<i>Monateric ISA-35</i>
<i>Monamid 150 LWA</i>	<i>Monateric 805</i>
<i>Monamid 150 MW</i>	<i>Monawet MO-70</i>
<i>Monamid 692</i>	<i>Monawet MO-70 RP</i>
<i>Monamid 716</i>	<i>Monawet MO-84 R2W</i>
<i>Monamid 718</i>	<i>Monawet SNO-35</i>

**MONSANTO COMPANY**

800 North Lindbergh Boulevard  
St. Louis, Missouri 63166  
314/694-1000  
*Butvar*  
*EMA-91*  
*Gelvatol*  
*Lustre Phos 'H'*  
*Lytron 820*  
*Santicizer B-16*  
*Santicizer 160*  
*Santocel 62*  
*Santolite MHP*  
*Santolite MS 80%*  
*Santovar A*  
*Sopanax*

**MOONEY CHEMICALS, INC.**

2301 Scranton Road  
Cleveland, Ohio 44113  
216/781-8383  
*Zinc Ten-Cem*

**MORTON CHEMICAL COMPANY**

1275 Lake Avenue  
Woodstock, Illinois 60098  
815/338-1800  
*E-153 Opacifier*  
*E-288 Opacifier*  
*E-284 Opacifier*  
*E-295 Opacifier*



E-300 Opacifier  
E-305 Opacifier

E-308 Opacifier

## — N —

**NATIONAL STARCH & CHEMICAL CORPORATION**

750 Third Avenue  
New York, New York 10017  
212/986-9500

<i>Amphomer</i>	<i>Resyn 28-1310</i>
<i>Catrex</i>	<i>Resyn 28-2930</i>
<i>Dry Flo</i>	<i>Resyn 28-3307</i>
<i>Flexan 130</i>	<i>Resyn 2261</i>
<i>Flexan 500</i>	<i>Vulca 90</i>
<i>Melogel</i>	<i>78-1567</i>
<i>Resyn 26-1314</i>	<i>78-1568</i>
<i>Resyn 26-2905</i>	<i>78-1712</i>

**NEW JAPAN CHEMICAL COMPANY, LTD.**

5 Nihonbashi-Edbashi-3  
Chuo-Ku  
Tokyo, Japan  
*N-J-Col 240A*

**THE NEW JERSEY ZINC COMPANY**

65 East Elizabeth Avenue  
Bethlehem, Pennsylvania 18018  
215/691-5000

<i>Horse Head A-410</i>	<i>Horse Head U.S.P -12</i>
<i>Horse Head A-420</i>	<i>Horse Head XX</i>
<i>Horse Head R-710</i>	

**NICHIYU CHEMICAL COMPANY, LTD.**

No. 15-10, 1-Chome, Uchikanda  
Chiyoda-Ku  
Tokyo, Japan  
*Parleam*

**NIHON EMULSION COMPANY, LTD.**

32-7 Koenji-Minami-5  
Suginami-Ku  
Tokyo, Japan

<i>Emalex DNP-5</i>	<i>Emalex 515</i>
<i>Emalex EG-2854 (OL)</i>	<i>Emalex 515P</i>
<i>Emalex HC-30</i>	<i>Emalex 523</i>
<i>Emalex 103</i>	<i>Emalex 703</i>
<i>Emalex 125</i>	<i>Emalex 720</i>
<i>Emalex 200</i>	<i>Seodol E-2020</i>

**NIKKO CHEMICAL COMPANY, LTD.**

1-1 Nihonbashi  
Bakuro-Cho  
Chuo-Ku  
Tokyo, Japan

<i>Nikkol BC-5.5</i>	<i>Nikkol DHC-30</i>
<i>Nikkol BC-20</i>	<i>Nikkol GBW-8</i>
<i>Nikkol DEGS-SE</i>	<i>Nikkol HCO-60</i>
<i>Nikkol DHC-15</i>	<i>Nikkol NP-5</i>

**NIPA LABORATORIES, LTD.**

Treforest Industrial Estate  
Pontypridd, Glamorgan  
Great Britain

<i>Nipabutyl</i>	<i>Nipazol M</i>
<i>Nipagin A</i>	<i>Progallin P</i>
<i>Nipagin M</i>	<i>Propylene Phenoxetol</i>

**NIPPON CHEMICAL COMPANY, LTD.**

2-3-1 Iwamoto-Cho  
Chiyoda-Ku  
Tokyo, Japan

*Polyaminon-3*  
*Polyaminon-5*  
*Polyaminon-15*

**NIPPON FINE CHEMICAL COMPANY, LTD.**

2-7 Imahashi  
Higashi-Ku  
Osaka, Japan  
*Eshelan 104*  
*Eshelan 118-D*  
*Eshelan 218-D*  
*Ramate G-308*

*Ramate PE-408*  
*Ramate TM-308*  
*Ramate TM-318*

**NIPPON OIL & FATS COMPANY, LTD.**

Yurakucho Building  
1-10-1, Yurakucho, Chiyoda-Ku,  
Tokyo, Japan  
*Unilube MB-370*

**NL INDUSTRIES, INC.**

111 Broadway  
New York, New York 10016  
212/732-9400

<i>AA Standard</i>	<i>Flexricin P-1</i>
<i>AA USP</i>	<i>Flexricin P-4</i>
<i>Ben-A-Gel</i>	<i>Flexricin P-6</i>
<i>Bentone Gel CAO</i>	<i>Flexricin P-8</i>
<i>Bentone Gel IPM</i>	<i>Flexricin 9</i>
<i>Bentone Gel Lantrol</i>	<i>Flexricin 13</i>
<i>Bentone Gel MIO</i>	<i>Flexricin 15</i>
<i>Bentone Gel M20</i>	<i>Macaloid</i>
<i>Bentone Gel S 130</i>	<i>Paricin 9</i>
<i>Bentone Gel SS 71</i>	<i>Paricin 13</i>
<i>Bentone LT</i>	<i>Paricin 15</i>
<i>Bentone 27</i>	<i>Paricin 535 WD</i>
<i>Bentone 34</i>	<i>Paricin 545 WD</i>
<i>Bentone 38</i>	<i>P-10 Acids</i>
<i>Castorwax</i>	<i>Surfactol 365</i>
<i>Crystal Crown</i>	<i>Thixcin E</i>
<i>Crystal O</i>	<i>Thixcin R</i>
<i>Eneltone Gel TRS</i>	<i>Titanox 2010</i>

**NORDA, INC.**

475 Tenth Avenue  
New York, New York 10018  
212/594-3232  
*Filtrosol A*  
*S-7*

## — O —

**OGO PRODUCTS CORPORATION**

175 Main Street  
White Plains, New York 10601  
914/948-1001

<i>Glycoldistearat 90</i>	
<i>Ogeen</i>	<i>Ogeen 515</i>
<i>Ogeenacid</i>	<i>Ogotag L</i>
<i>Ogeenacid Special</i>	<i>Ogotag L2</i>
<i>Ogeenacid X</i>	<i>Ogotag O</i>
<i>Ogeen GRB</i>	<i>Ogotag O2</i>
<i>Ogeen M</i>	<i>Ogotag R1</i>
<i>Ogeen MAV</i>	<i>Ogotag S</i>
<i>Ogeen P</i>	<i>Ogotag S2</i>
<i>Ogeen PGMS</i>	<i>Ogotag TO</i>
<i>Ogeen Special</i>	<i>Ogo 51</i>

**OLIN CORPORATION**

Chemicals Division  
120 Long Ridge Road  
Stamford, Connecticut 06904  
203/356-2495  
*Poly-Tergent J-400*  
*Sodium Omadine*  
*Zinc Omadine*

**ONYX CHEMICAL COMPANY**

190 Warren Street  
Jersey City, New Jersey 07302  
201/434-1700  
*Ammonyx CA Special*  
*Ammonyx CDO*

*Ammonyx CO*  
*Ammonyx G*

Ammonyx LO	Maprofix WAX LV-5
Ammonyx MCO	Maprofix 60S
Ammonyx MO	Maprofix 563
Ammonyx SO	Maprosyl C
Ammonyx TDO	Maprosyl L
Ammonyx 4	Maprosyl O
Ammonyx 485	Maprosyl 30
Ammonyx 490	Neutronyx 600
Ammonyx 2200	Neutronyx 605
Ammonyx 4002	Neutronyx 622
Anionyx 12S	Neutronyx 626
BTC 50	Neutronyx 640
BTC 50 USP	Onyxide 172
BTC 471	Onyxide 500
BTC 824	Onyxide 3300
BTC 1010	Onyxol 12
BTC 2125	Onyxol 42
BTC 2125M	Onyxol 336
Isothan Q-15	Onyxol 345
Isothan Q-75	Onyxol 368
Maprofix DLS-35	Perma Kleer Acid
Maprofix ES	Perma Kleer Di Crystals
Maprofix ESY	Perma Kleer Tetra CP
Maprofix LK	Perma Kleer 80
Maprofix MB	Perma Kleer 80 Crystals
Maprofix MBO	Perma Kleer 100
Maprofix MG	Perma Kleer 140
Maprofix MSP 90	Super Amide B-5
Maprofix NH	Super Amide GR
Maprofix NHL	Super Amide L-9
Maprofix TLS 65	Super Amide L-9A
Maprofix TLS 500	Super Amide L-9C
Maprofix TLS 513	Super Amide LM
Maprofix WA	

**OSAKA KASEI COMPANY, LTD.**

6-11 2-Chome  
Nakajima  
Nishi-Yodogawa-Ku  
Osaka, Japan  
Biosol

**THE OTTAWA CHEMICAL COMPANY**

700 North Wheeling Street  
Toledo, Ohio 43605  
419/691-3507  
Ottacide 4  
Ottafect  
Ottasept Extra

— P —

**PALSGAARD LABORATORIES**

Juelsminde, Denmark  
PAF 37, Palsgaard 0015  
PAF 254, Palsgaard 2102  
Palsgaard 3325

**C. J. PATTERSON COMPANY**

Specialty Chemicals Division  
3947 Broadway  
Kansas City, Missouri 64111  
816/561-9050  
Emplex  
R-122A  
R-138C

R-2740  
Verv

**S. B. PENICK & COMPANY**

Unit of CPC International Inc.  
100 Church Street  
New York, New York 10007  
212/233-3162

Compound 1665	Plymouth White Ozokerite Wax 170-D
Plymouth Aluminum Stearate Food Grade	Plymouth White Ozokerite Wax 170-MF
Plymouth Aluminum Stearate #SMO3	Plymouth Yellow Ozokerite Wax S Special
Plymouth Aluminum Stearate #222-2B	Plymouth Zinc Stearate F
Plymouth Aluminum Stearate #351	Plymouth Zinc Stearate HS
Plymouth Aluminum Stearate #801	Plymouth Zinc Stearate LS-7
Plymouth Aluminum Stearate #801-22	Plymouth Zinc Stearate PM
Plymouth Calcium Stearate D	Plymouth Zinc Stearate SI-36
Plymouth Calcium Stearate MK	Plymouth Zinc Stearate SI-50
Plymouth Calcium Stearate #53	Plymouth Zinc Stearate USP CEF
Plymouth IPM	Plymouth Zinc Stearate USP #21
Plymouth IPP	Plymouth Zinc Stearate USP #20
Plymouth IPS	Plymouth Zinc Stearate XXX-H
Plymouth Lithium Stearate #331-10	Plymouth Zinc Stearate #344-88
Plymouth Magnesium Stearate	
Plymouth White Ceresin Wax P	

**PENRECO**

106 South Main Street  
Butler, Pennsylvania 16001  
412/287-2781

Amber	Mineral Jelly No. 5
Cream White	Mineral Jelly No. 10
Drakeol 5	Mineral Jelly No. 15
Drakeol 6	Mineral Jelly No. 20
Drakeol 7	Mineral Jelly No. 25
Drakeol 8	No. 2251 Oil
Drakeol 9	Parol 70
Drakeol 10	Parol 80
Drakeol 13	Parol 100
Drakeol 15	Penetack
Drakeol 19	Penn-Drake No. 2251 Oil
Drakeol 21	Pennsoline Soft White
Drakeol 32	Pennsoline Soft Yellow
Drakeol 33	Penreco White
Drakeol 35	Petrolatum Snow White
Draketex 50	Snow White
Extra Amber	Super White
Lily White	Ultima White
Liteteck	

**PETROCHEMICALS COMPANY, INC.**

P.O. Box 2199  
Fort Worth, Texas 76101  
817/625-2111  
Petro AG

**PFALTZ & BAUER, INC.**

375 Fairfield Avenue  
Stamford, Connecticut 06902  
203/357-8700  
Falba Absorption Base

**Pfister Chemical, Inc.**

**Protameen Chemicals, Inc.**

**PFISTER CHEMICAL, INC.**

Linden Avenue  
Ridgefield, New Jersey 07657  
201/945-5400  
*Diaphene*  
*Fluorophene*

**PFIZER, INC.**

Chemical Division  
235 East 42nd Street  
New York, New York 10017  
212/573-2762  
*Citroflex A-2*  
*Citroflex A-4*  
*Citroflex A-8*  
*Citroflex 2*

*Citroflex 4*  
*Sorbistat*  
*Sorbistat K*

**PHARMACIA FINE CHEMICALS, INC.**

800 Centennial Avenue  
Piscataway, New Jersey 08854  
201/469-1222  
*Sephadex G-25*

**PHILADELPHIA QUARTZ COMPANY**

P.O. Box 840  
Valley Forge, Pennsylvania 19482  
215/687-8400  
*Britesil*  
*Britesorb 90*  
*Metso Beads 2048*  
*Metso Granular*  
*Metso Pentabead 20*  
*Metso 20*

*'N' Silicate*  
*'O' Silicate*  
*QUSO G30*  
*QUSO G32*  
*QUSO WR50*  
*QUSO WR82*

**PHILLIPS PETROLEUM COMPANY**

Chemicals Group  
Bartlesville, Oklahoma 74004  
918/661-6600  
*Soltrol 130*  
*Soltrol 220*

**PILOT CHEMICAL COMPANY**

11756 Burke Street  
Santa Fe Springs, California 90670  
213/723-0036  
*Calamide C*  
*Calamide O*  
*Calfoam ES-30*  
*Calsoft F-90*

*Calsoft L-40*  
*Calsoft L-60*  
*Calsoft T-60*  
*Calsuds CD-6*

**POLAK'S FRUTAL WORKS, INC.**

33 Sprague Avenue  
Middletown, New York 10940  
914/342-1065  
*Tonalid*

**POLYESTHER CORPORATION**

P.O. Drawer BBBB  
Southampton, New York 11968  
516/283-4400  
*Polysynlane*

**PPG INDUSTRIES, INC.**

Chemical Division  
One Gateway Center, 3N,  
Pittsburgh, Pennsylvania 15222  
412/434-3131  
*Hi Sil 233*

**PRECISION FOODS COMPANY**

Highway 100 at West 23rd Street  
Minneapolis, Minnesota 55416  
612/925-2100  
*Cosmerlac*

**PREMIER MALT PRODUCTS, INC.**

1137 North 8th Street  
Milwaukee, Wisconsin 53201  
414/271-4272  
*Malt Extract*

**PRICE'S CHEMICALS, LTD.**

Bebington, Wirral, Cheshire  
England, L62 4UF  
*Estol 002*  
*Estol 081*  
*Estol 103*  
*Estol 119*  
*Estol 140*  
*Estol 211*  
*Estol 212*  
*Estol 313*  
*Estol 424*  
*Estol 432*  
*Estol 603*  
*Estol 606*

**PROCTER & GAMBLE COMPANY**

Industrial Chemicals Division  
P.O. Box 599  
Cincinnati, Ohio 45201  
513/562-1100  
*AE-1214/3*  
*AE-1214/6*  
*Amide No. 23*  
*Amide No. 27*  
*Amide No. 72*  
*C-108*  
*C-110*  
*C-1297*  
*CE-1270*  
*CE-1280*  
*CE-1290*  
*CE-1295*  
*CE-1495*  
*CO-618*  
*CO-1214*  
*CO-1214N*  
*CO-1214S*  
*CO-1618*  
*CO-1670*  
*CO-1695*  
*CO-1895*  
*CO-1897*  
*Emulsifier No. 104*  
*L-310*  
*Moon*  
*Orvus K Liquid*  
*Orvus WA Paste*  
*Primex BC*  
*Product No. 75*  
*Product No. 154*  
*Product No. 161*  
*Product WAT*  
*Star*  
*Superol*  
*T-11*  
*T-18*

**PROTAMEEN CHEMICALS, INC.**

409 Minnisink Road  
Totowa, New Jersey 07511  
201/256-4374  
*Prochem 12K*  
*Prochem 44 CG*  
*Procol CA-1*  
*Procol CA-10*  
*Procol CA-20*  
*Procol CS-20*  
*Procol LA-3*  
*Procol LA-4*  
*Procol LA-23*  
*Procol LA-40*  
*Procol OA-2*  
*Procol OA-4*  
*Procol OA-10*  
*Procol OA-20*  
*Procol SA-2*  
*Procol SA-4*  
*Procol SA-20*  
*Procol TDA-3*  
*Procol TDA-6*  
*Procol TDA-12*  
*Procol TDA-15*  
*Protaben B*  
*Protaben E*  
*Protaben M*  
*Protaben P*  
*Protachem Antifoam BM*  
*Protachem CA-9*  
*Protachem CA-25*  
*Protachem CA-30*  
*Protachem CA-40*  
*Protachem CA-100*  
*Protachem CA-200*  
*Protachem CAH-25*  
*Protachem CAH-40*  
*Protachem CAH-100*  
*Protachem CAH-200*  
*Protachem CB 45*  
*Protachem EGMS*  
*Protachem GMS*  
*Protachem LP-40*  
*Protachem MLD*  
*Protachem SML*  
*Protachem SMO*  
*Protachem SMP*  
*Protachem SMS*  
*Protachem SOC*  
*Protachem STO*  
*Protachem STS*  
*Protachem 100*  
*Protachem 630*  
*Protalan M-16*  
*Protalan M-26*  
*Protamate 200 DPS*  
*Protamate 200 ML*  
*Protamate 200 OC*  
*Protamate 200 T*  
*Protamate 300 DPS*  
*Protamate 300 OC*  
*Protamate 400 DO*  
*Protamate 400 DPS*  
*Protamate 400 DS*  
*Protamate 400 ML*  
*Protamate 400 OC*  
*Protamate 400 T*  
*Protamate 600 DPS*  
*Protamate 600 DS*

Protamate 600 OC	Protapon 33
Protamate 600 T	Protapon 42
Protamate 1000 DPS	Protasorb L-5
Protamate 1000 OC	Protasorb L-20
Protamate 1000 T	Protasorb O-5
Protamate 1500 DPS	Protasorb O-20
Protamate 1540 DPS	Protasorb P-20
Protamate 2000 DPS	Protasorb S-20
Protamate 4000 DPS	Protasorb TO-20
Protamate 6000 DS	Protavit E Acetate
Protamide CA	Protox C-2
Protamide CKD	Protox C-5
Protamide DCA	Protox C-10
Protamide DCAW	Protox C-15
Protamide HCA	Protox HTA-2
Protamide L-5-560	Protox HTA-15
Protamide L-80M	Protox HTA-50
Protamide L90	Protox O-2
Protamide L90A	Protox O-5
Protamide LM 73	Protox O-15
Protamide LM 5560	Protox S-2
Protamide LNO	Protox S-5
Protamide MRCA	Protox S-10
Protamide N-1918	Protox S-15
Protamide OFO	Protox T-2
Protamide SA	Protox T-5
Protamide T	Protox T-15
Protaphos P-610	Protax T-40
Protaphos SDA	Protax T-50
Protaphos 400-A	

**PVO INTERNATIONAL, INC.**

Chemical Specialties Division  
416 Division Street  
Boonton, New Jersey 07005  
201/334-2900

Cobee	Lipal 250A
Cobee 76	Lipal 30SA
Cobee 92	Lipal 39S
Cobee 110	Lipal 500A
Drewmulse CNO	Lipal 50S
Drewmulse GMO	Lipal 300DL
Drewmulse HM-100	Lipal 300S
Drewmulse PGML	Lipal 300W
Drewmulse POE-SML	Lipal 400DL
Drewmulse POE-SMO	Lipal 400DS
Drewmulse POE-SMS	Lipal 400L
Drewmulse POE-STS	Lipal 400OL
Drewmulse TP	Lipal 400S
Drewmulse V	Neobee M-5
Drewmulse V-SE	Neobee M-20
Drewmulse 75	Neobee O
Drewmulse 1128	Neobee 18
Drewmulse 1129	Neobee 60
Drewpol 10-4-O	Neobee 62
Drewpol 10-10-LN	Neobee 101
Drewpol 10-10-O	Oleinate 288
Drewpol 10-10-S	Synotol CN-60
Formula 300	Synotol CN-60S
Lipal 3TD	Synotol CN-60-2
Lipal 4CSA	Synotol CN-80
Lipal 4LA	Synotol L-60
Lipal 4MA	Synotol LM-60
Lipal 50A	Synotol LO-80
Lipal 6CSA	Textee
Lipal 6TD	Vegetable Oil 1400
Lipal 9C	Wecobee M
Lipal 9LA	Wecobee R
Lipal 10OA	Wecobee S
Lipal 10TD	Wecobee SS
Lipal 12LA	Wecobee W
Lipal 15CSA	Wecoline 1245
Lipal 20OA	Wecoline 1250
Lipal 20SA	Wecoline 1260-A
Lipal 23LA	Wecoline 1295
Lipal 25C	

— Q —

**THE QUAKER OATS COMPANY**

Merchandise Mart Plaza  
Chicago, Illinois 60654  
312/222-7107  
OAT PRO

— R —

**REHEIS CHEMICAL COMPANY**

Division Armour Pharmaceutical Company  
Greyhound Tower  
Phoenix, Arizona 85077  
602/248-5321

Chloracel	Chlorhydrol 50% Soln.
Chlorhydrol, Granular	Micro Dry
Chlorhydrol, Impalpable	Rehydrol

**REWO CHEMICALS, INC.**

107B Allen Boulevard  
East Farmingdale, New York 11735  
516/293-2470

Rewocid DU 185	Rewopol SBFA 30
Rewocid SBU 185	Rewopol SBFA 30/C
Rewocid U 185	Rewopol SB-L203
Rewoderm S-1333	Rewopol SBW
Rewolan 5	Rewopol TLS 40
Rewomid DC 212/S	Rewopol AM-B13T
Rewomid DL 203/S	Rewopon AM-C
Rewomid DL 240	Rewopon AM-CA
Rewomid DLMS	Rewopon AM-2C
Rewomid DLMS Special	Rewopon B 204
Rewomid IPP 240	Rewopon B 204 T
Rewomid 100	Rewoquat B 18
Rewopol HV-9	Rewoquat B 41
Rewopol NL 2	Steinazid SBU 185
Rewopol NLS 30	Steinazid U 185
Rewopol SBC 212	

**RHODIA, INC.**

Lautier Fils Division  
300 Webro Road  
Parsippany, New Jersey 07054  
201/887-1050

Arnica Extract	Embanox 7
Cucumber Extract #17	German Camomille "D"
Cypres "D" Plant Extract	Plant Extract
Elder Flower Water	Hamamelis "D" Plant
Concentrate #22	Extract
Embanox BHA	Horsetail Extract
Embanox 2	Ivy "D" Plant Extract
Embanox 3	Milfoil Extract
Embanox 4	St. John's Wort "D" Plant
Embanox 5	Extract
Embanox 6	Seaweed "D" Plant Extract

**RICHARDSON COMPANY**

Organic Chemicals Division  
2400 East Devon Avenue  
Des Plaines, Illinois 60018  
312/297-3570

Amine 100	Richonate 60B
Chemadene NA-30	Richonate 1850
Richamide LM-46	Richonate 5725
Richamide M-3	Richonic Acid B
Richamide STD	Richonol A
Richamide 5085	Richonol AF
Richamide 6310	Richonol AM
Richamide 6404	Richonol C
Richonate AXS	Richonol DLS
Richonate S-1280	Richonol S-1285
Richonate SXS	Richonol S-1300
Richonate TAB	Richonol S-5260
Richonate 45B	Richonol T

## Richter

### RICHTER

(See Chemisches Laboratorium Dr. Kurt Richter)

### RIKEN VITAMIN OIL COMPANY, LTD.

8-10 Nishi-Kanda  
Chiyoda-Ku  
Tokyo, Japan  
POEM-LS-90  
POEM-S-105

### R.I.T.A. CHEMICAL CORPORATION

P.O. Box 556  
Crystal Lake, Illinois 60014  
815/455-0530  
Laneto 50  
Laneto 100  
Ritachol  
Ritalan

Supersat  
Supersat AWS-3  
Supersat AWS-4  
Supersat AWS-6

### F. RITTER AND COMPANY

4001-09 Goodwin Avenue  
Los Angeles, California 90039  
213/245-6886  
Yuccafoam

### ROBECO CHEMICALS, INC.

51 Madison Avenue  
New York, New York 10010  
212/683-7500  
Cetina  
Robane  
Robecol  
Robeyl

Robuoy  
Spermwax  
Supraene

### ROBINSON-WAGNER COMPANY, INC.

628 Waverly Avenue  
Mamaroneck, New York 10543  
914/698-8550  
Alcolan  
Alcolan 36W  
Alcolan 40  
Bumyr  
Ceralan  
Cetal  
Cosmetic AA Lanolin  
Deodorized AAA Anhydrous Lanolin USP  
Ethylan  
Hychol  
Isopropylan 33  
Isopropylan 50  
Lanocerin  
Lanogel 21

Lanogel 31  
Lanogel 41  
Lanogel 61  
Lanogene  
Liquilan  
Pharmaceutical Lanolin  
Prodipate  
Prolaurin  
Promulgen D  
Promulgen G  
Promyr  
Propal  
Prosebate  
Stearal  
Sterolan

### ROCHE

(See Hoffmann-LaRoche, Inc.)

### ROHM AND HAAS COMPANY

Independence Mall West  
Philadelphia, Pennsylvania 19105  
215/592-3000  
Acryloid B-66  
Acrysol A-1  
Acrysol ASE-75  
Hyamine 10X  
Hyamine 1622  
Hyamine 2389  
Hyamine 3500  
Tamol 731  
Triton GR-5

Triton N-101  
Triton X-15  
Triton X-35  
Triton X-45  
Triton X-100  
Triton X-102  
Triton X-200  
Triton X-400

### RONA PEARL

East 21 Street at East 22nd Street  
Bayonne, New Jersey 07002  
201/437-0800  
Biron Extra  
Biron Fines

Biron GO  
Biron HB

## H. M. Royal, Inc.

Biron NLA  
Biron NLD  
Biron NLD-A  
Biron NLD-SP  
Biron NLE 2X CO  
Biron NLF-D  
Biron NLG 2X AQ  
Biron NLG 2X CO  
Biron NLM  
Biron NLO  
Biron NLO 2X AQ  
Biron NLO 2X CO  
Biron NLY-K-AQ  
Biron NLY-L-2X-AQ  
Biron NLY-L-2X CO  
Biron NLY-L-2X IPA  
Biron NLY-L-2X IPM  
Biron NLY-L-2X IPP  
Biron NLY-L-2X MO  
Biron NLZ 2X CO  
Biron NRN  
Biron NRN 2X CO  
Biron Silver CO  
Biron SP  
Biron UVS  
Biron 20 AQ  
Biron 20 CO  
Biron 20 MO  
Bital  
Coloron Blue Green  
Coloron Dark Blue  
Coloron Light Blue  
Coloron Red Brown  
Mibiron  
Mibiron CO  
Mibiron MO  
Mibiron N CO  
Mibiron N MO  
Mibiron N 2X AQ  
Mibiron N-50  
Mibiron 2X AQ  
Mibiron 50  
Naturon Brilliant CN  
Naturon CSN  
Naturon CSN-22%  
Naturon NE-CN  
Naturon NE-CN SP  
Naturon RN-CN  
Naturon 2X BA  
Naturon 2X CO  
Naturon 2X IPA  
Naturon 2X MO  
Naturon 3X BA  
Soloron Silver  
Soloron Silver CO

Timiron Blue MP-155  
Timiron Blue Red MP-176  
Timiron Gleamer  
Flake MP-44  
Timiron Gleamer  
Flake MP-45  
Timiron Glitter MP-40  
Timiron Gold Glow MP-26  
Timiron Gold MP-124  
Timiron Gold Plus MP-25  
Timiron Green MP-165  
Timiron MP-41  
Timiron Pearl  
Flake MP-10  
Timiron Pearl  
Flake MP-14  
Timiron Pearl  
Sheen MP-30  
Timiron Pearl  
Sheen MP-30 CO  
Timiron Pearlluster  
MP-2000  
Timiron Red MP-175  
Timiron Superluster  
MP-101  
Timiron Superluster  
MP-101 AQ  
Timiron Superluster  
MP-101 CO  
Timiron Super-  
sheen MP-1001  
Timiron Super-  
sheen MP-1001 CO  
Timiron Ultraluster  
Blue MP-151  
Timiron Ultraluster  
Gold MP-123  
Timiron Ultraluster  
Gold MP-123 AQ  
Timiron Ultraluster  
Gold MP-123 CO  
Timiron Ultraluster  
Green MP-161  
Timiron Ultraluster  
MP-111  
Timiron Ultraluster  
MP-111 AQ  
Timiron Ultraluster  
MP-111 CO  
Timiron Ultraluster  
MP-111 MO  
Timiron Ultraluster  
MP-111 SO  
Timiron Ultraluster  
MP-112

### FRANK B. ROSS COMPANY, INC.

6-10 Ash Street  
Jersey City, New Jersey 07304  
201/433-4512  
Japan Wax Substitute  
No. 473  
Japan Wax Substitute  
No. 525  
Ross Japan Wax  
Substitute No. 473

Ross Japan Wax  
Substitute No. 525  
Ross Spermaceti Wax  
Substitute #573

### H. M. ROYAL, INC.

689 Pennington Avenue  
Trenton, New Jersey 08601  
609/396-9176  
Royal RM98 D Sulfur

## — S —

**L. A. SALOMON & BROTHERS, INC.**

P.O. Box 828  
Port Washington, New York 11050  
516/883-6100  
BC OXO  
Norit Ozotex  
OOS YB-20

**SANDOZ, INC.**

Colors and Chemicals Division  
Route #10  
E. Hanover, New Jersey 07936  
201/386-8174

Acetosol Yellow RLS	Lanasyn Bordeaux GRL
Albanil O	Lanasyn Brilliant Yellow 5GL
Artisil Blue BSG	Lanasyn Brown GL
Artisil Blue SAP Conc	Lanasyn Brown 2RL
Artisil Direct Violet BP	Lanasyn Brown 3RL
Artisil Red R Conc	Lanasyn Grey BL
Artisil Scarlet GP Conc	Lanasyn Orange RL
Artisil Yellow G	Lanasyn Yellow GL
Azo Rhodine 2G	Lanasyn Yellow 2RL
Bismarck Brown G	Methylene Blue 2B Conc
Extra Conc	Nigrosine Jet L Conc
Bismarck Brown R Conc	Nylosan Orange SL
Cartaretin F-4	Pyrazol Fast Red 8BL
Cartaretin F-8	Rocceline 2S
Chemical Base 6532	Safranine Y Conc
Chemical 39 Base	Sandopan DTC
Chloramine Fast	Sandopan DTC-Acid
Scarlet 4B	Sandopan TFL Conc.
Chrysoidine Y	Sulfonine Brilliant
Extra Conc	Red 3B
Chrysophenine G	Xylene Dark Green B
Lanasan CL	Xylene Fast Yellow-ES
Lanasyn Black BGL	
Lanasyn Black M	

**SANYO CHEMICAL INDUSTRIES, LTD.**

No. 10 Chuo Building, 9, Honcho 1-Chome  
Nihonbashi, Chuo-Ku  
Tokyo 103, Japan  
Nonipol 70  
Nonipol 100

**SCHER BROTHERS, INC.**

Allwood P.O. Box 538  
Clifton, New Jersey 07012  
201/471-1300

Methomid 60	Schercomid SCO Extra
Schercemol DIA	Schercomid SI
Schercemol IL	Schercomid SL Extra
Schercemol IP	Schercomid SLE
Schercemol 1818	Schercomid SLM
Schercomid CDA	Schercomid SME-S
Schercomid CDOR Extra	Schercomid SPO
Schercomid LD	Schercomid ST
Schercomid MME	Schercopol CMS-NA
Schercomid SCE	

**SCHUYLKILL CHEMICAL COMPANY**

2346 West Sedgley Avenue  
Philadelphia, Pennsylvania 19132  
215/229-4822

Allantoin Proteinate	ALPOLY GAL
Allantoin Vit. C	ALPRO
ALMETH	EALCAM
ALPABA	ENCAL
ALPABAMOD	Encapsulated Alcloxa
ALPANTHA	Encapsulated Allantoin

**SHAWINIGAN PRODUCTS CORPORATION**

111 Charlotte Place  
Englewood Cliffs, New Jersey 07632  
201/567-1970  
Rice Starch BL  
Rice Starch BLM7  
Rice Starch B220

**SHELL CHEMICAL COMPANY**

One Shell Plaza  
P.O. Box 2463  
Houston, Texas 77001  
713/220-4867  
lonol  
lonol CP  
Neodol 23  
Neodol 25  
Neodol 25-3

Neodol 25-7  
Neodol 25-12  
Oxitol Glycol Ether  
Shell Sol 71

**SHIN ETSU CHEM. IND. CO., LTD.**

6-1 Ohtemachi-2  
Chiyoda-Ku  
Tokyo, Japan  
Silicone KF-99

**WERNER G. SMITH, INC.**

1730 Train Avenue  
Cleveland, Ohio 44113  
216/861-3676  
Synaceti 125

**SOUTHWEST SPECIALTY CHEMICALS, INC.**

P.O. Box 759  
Deer Park, Texas 77536  
713/479-1571  
PEI-600E

**SPENCER-KELLOGG**

Division of Textron, Inc.  
120 Delaware Avenue  
Buffalo, New York 14240  
716/852-5850

Cosmetol	Diamond Quality
Cosmetol G	Castor Oil
Cosmetol Q	Gold Bond Castor Oil
Cosmetol X	Kelecin

**STAUFFER CHEMICAL COMPANY**

Westport, Connecticut 06880  
203/226-1511  
Carastay  
Chelon 100

Questex 4H  
Questex 4SW

**STEIN, HALL & COMPANY, INC.**

605 Third Avenue  
New York, New York 10016  
212/764-7640  
Jaguar Gum A-20-D  
Jaguar Gum #124  
Jaguar Plus

**STEPAN CHEMICAL COMPANY**

Edens & Winnetka Road  
Northfield, Illinois 60093  
312/446-7500

Albalan	Bio Soft S-100
Amidox C-2	Bio Terge AS-40
Amidox C-5	Bio Terge AS-90F
Amidox L-2	Bio Terge MMD
Amidox L-5	Colladerm 350
Bio Soft D-35X	Hydro-Pro 220
Bio Soft D-40	Hydro-Pro 230
Bio Soft D-60	Lanalene L
Bio Soft D-62	Lanalene Liquid ACE 2
Bio Soft LD-95	Lanalene Liquid ACE 5
Bio Soft N-21	Lanalene Liquid LIN
Bio Soft N-300	Lanalene Liquid 40 Special

Lanalene Liquid 50 Super  
 Lanalene Liquid 60  
 Lanalene P  
 Lanalene RIC 2  
 Lanalene S  
 Lanalol Distilled  
 Lanalol Standard  
 Lanalol W2  
 Lanalox L30  
 Lanalox L75  
 Lanalox SLW  
 Lanalox W20  
 Lanesta L  
 Lanesta P.S.  
 Lanolin Acetate  
 Lathanol LAL  
 Makon 4  
 Makon 6  
 Makon 8  
 Makon 10  
 Makon 12  
 Makon 14  
 Makon 20  
 Makon 30  
 Maypon K  
 Maypon KB  
 Maypon K 903  
 Maypon K 913  
 Maypon SK  
 Maypon UD  
 Maypon UDT  
 Maypon 4C  
 Maypon 4CT  
 Nacconol 35SL  
 Nacconol 40F  
 Nacconol 90F  
 Ninol AA62  
 Ninol AA62 Extra  
 Ninol 128 Extra  
 Ninol 201  
 Ninol 2012 Extra  
 Oleyl Polypeptide  
 Oleyl Polypeptide MO-30  
 Polypeptide AAS  
 Polypeptide AAS 20%  
 Polypeptide AAS 25%  
 Polypeptide LSN  
 Polypeptide SF  
 Polypeptide 37  
 Polypeptide 37S  
 Steol CA-460  
 Steol CA-760  
 Steol CS-125  
 Steol CS-460  
 Steol CS-760  
 Steol 4N  
 Stepanate AM  
 Stepanate X  
 Stepan C-68  
 Stepan D-50  
 Stepan D-70  
 Stepanol AM  
 Stepanol DEA  
 Stepanol ME Dry  
 Stepanol MG  
 Stepanol WA Paste  
 Stepanol WA Special  
 Stepanol WA-100  
 Stepanol WAC  
 Stepanol WAQ  
 Stepanol WAT  
 Stepan P-616  
 Stepan P-621  
 Stepan P-650  
 Super Pro 5A  
 Super Pro 11  
 Super Pro 25  
 Super Pro 35

**STEVENSON BROTHERS & COMPANY, INC.**

1039 West Venango Street  
 Philadelphia, Pennsylvania 19140  
 215/223-2600  
 Esbeco Paraffin Wax #100  
 Snow White Petrolatum

**STRAHL & PITSCH, INC.**

230 Great East Neck Road  
 West Babylon, New York 11704  
 516/587-9000  
 Carnauba Wax #1  
 Ozokerite Wax 170 M.F.

**SUN CHEMICAL CORPORATION**

441 Tompkins Avenue  
 Rosebank, Staten Island,  
 New York 10305  
 212/981-1600

Aquapellant Lake  
 Brilliant Red  
 Brilliant Scarlet  
 Bromo C14-032  
 Cosmetic Black C33-134  
 Cosmetic Black C33-3134  
 Cosmetic Black C47-4547  
 Cosmetic Blue C43-1810  
 Cosmetic Blue C43-3870  
 Cosmetic Brown C-33-3115  
 Cosmetic Brown C-33-3115  
 Cosmetic Ferric  
 Blue C38-002  
 Cosmetic Green C61-1245  
 Cosmetic Green C61-3245  
 Cosmetic Green C61-6735  
 Cosmetic Green Oxide  
 Cosmetic Oxide M C33-120  
 Cosmetic Oxide M C33-123  
 Cosmetic Red  
 Transox C33-8278  
 Cosmetic Russet C33-128  
 Cosmetic Russet C33-2527  
 Cosmetic Russet C33-3074  
 Cosmetic Russet C33-3128  
 Cosmetic Russet C33-3175  
 Cosmetic Russet C33-8074  
 Cosmetic Russet C33-8075  
 Cosmetic Tan C33-107  
 Cosmetic Tan C33-130  
 Cosmetic Tan C33-3130  
 Cosmetic White C47-5175  
 Cosmetic White C47-9623  
 Cosmetic Yellow C33-3073

Cosmetic Yellow C33-8073  
 Cosmetic Yellow  
 Transox C33-8009  
 C10-007 Toning Red D  
 C14-032 Bromo  
 C14-033 Dibromo  
 C19-003 Rubine Lake  
 C19-011 Rubine Lake  
 C19-021 Rubine Lake  
 C21-002 Rhodamine  
 C24-012 Rangoon Maroon  
 C33-107 Cosmetic Tan  
 C33-115 Cosmetic Brown  
 C33-120 Cosmetic Oxide M  
 C33-123 Cosmetic Oxide M  
 C33-128 Cosmetic Russet  
 C33-130 Cosmetic Tan  
 C33-134 Cosmetic Black  
 C33-2527 Cosmetic Russet  
 C33-3073 Cosmetic Yellow  
 C33-3074 Cosmetic Russet  
 C33-3115 Cosmetic Brown  
 C33-3128 Cosmetic Russet  
 C33-3130 Cosmetic Tan  
 C33-3134 Cosmetic Black  
 C33-3175 Cosmetic Russet  
 C33-8009 Cosmetic  
 Yellow Transox  
 C33-8073 Cosmetic Yellow  
 C33-8074 Cosmetic Russet  
 C33-8075 Cosmetic Russet  
 C33-8278 Cosmetic  
 Red Transox  
 C37-038 Permanent Pink  
 C38-002 Cosmetic Ferric  
 Blue  
 C43-001 Mango Violet  
 C43-1810 Cosmetic Blue  
 C43-3001 Mango Violet  
 C43-3810 Cosmetic Blue  
 C47-4547 Cosmetic Black  
 C47-5175 Cosmetic White  
 C47-9623 Cosmetic White  
 C61-1245 Cosmetic Green  
 C61-3245 Cosmetic Green  
 C61-6735 Cosmetic Green  
 C76-001 Permanent Orange  
 Dell Red  
 Desert Red  
 Dibromo C14-033  
 Flaming Red  
 Geranium Lake  
 Gypsy Red  
 Light Rubine Lake  
 Manchu Orange  
 Mango Violet  
 Mango Violet C43-001  
 Mango Violet C43-3001  
 Permanent Orange C76-001  
 Permanent Pink C37-038  
 Persian Orange  
 Rangoon Maroon C24-012  
 Rhodamine C21-002  
 Rubine Lake C19-003  
 Rubine Lake C19-011  
 Rubine Lake C19-021  
 Sunburst Red  
 Tangiers Orange  
 Toning Lithol  
 Toning Orange  
 Toning Red D C10-007  
 Yellow Lake

**SUNKIST GROWERS, INC.**

Product Sales Division  
 720 East Sunkist Street  
 Ontario, California 91764  
 714/983-9811

Exchange Concentrated  
 Lemon Juice  
 Exchange Lemon Oil (USP)  
 Exchange Orange Oil (USP)  
 Lemon Bioflavonoid  
 Complex  
 Sunkist California  
 Lemon Juice  
 Sunkist California  
 Lemon Oil  
 Sunkist Pectin

**SUTTON LABORATORIES, INC.**

459 East First Avenue  
 Roselle, New Jersey 07203  
 201/241-0121  
 Germall 115

**SWIFT EDIBLE OIL COMPANY**

Division of Swift & Company  
 P.O. Box 7068  
 4608 Kirkland Avenue  
 Chattanooga, Tennessee 37410  
 615/821-1545

Colloid 4V  
 Tech. Protein  
 EE Hard Fat Flakes  
 Flexichem

**SWS SILICONES**

Division of Stauffer Chemical Company  
 Sutton Road  
 Adrian, Michigan 49221  
 313/263-5711

Silicone Copolymer F-754  
 Silicone Copolymer F-755  
 Silicone Fluid F-212  
 Silicone Fluid SWS-101  
 Siloxane F-221  
 Siloxane F-223  
 Siloxane SWS-03314  
 Siloxane SWS-03400

**TENNECO CHEMICALS, INC.**

Turner Place  
P.O. Box 2  
Piscataway, New Jersey 08854  
201/981-5000

Butyl Parasept  
Ethyl Parasept

Methyl Parasept  
Propyl Parasept

**TEXTILANA CORPORATION**

12607 Cerise Avenue  
Hawthorne, California 90250  
213/772-6381

Nitrene L-76  
Nitrene L-90  
Nitrene NO  
Nitrene 205  
Nitrene 6209  
Sulfobetaine DLM  
Sulfotex WA  
Sulfotex WAA

Sulfotex WALA  
Sulfotex WAT  
Textamine Oxide  
Textamine Oxide C-50  
Velvetex BA  
Velvetex BAW  
Velvetex BC  
Velvetex BP

**THE THEOBALD INDUSTRIES**

P.O. Box 72  
Harrison, New Jersey 07029  
201/991-6500

Mercol 25  
Mercol 30

**THEODOR LEONHARD WAX COMPANY, INC.**

136 Church Street  
Haledon, New Jersey 07508  
201/684-1444

BB  
Pioneer  
TL

**THOMASSET COLOR DIVISION**

Sterling Drug, Inc.  
120 Lister Avenue  
Newark, New Jersey 07105  
201/344-7308

Astro Orange 3109  
Atomic Red 3009  
Bali Red 3012  
Brilliant Red 3013  
Carnation Red 2523  
Color Blend 2524  
D & C Red Mix 3334  
Dawn Orange 5205  
Diiodo Fluorescein 3110  
Diiodo Fluorescein 3210  
Eye Shadow Rose 3535  
Flame Orange 5305  
Heidi Rose 3030  
Hi Tri Di 3655  
Hilite Coppertone 3545  
Hue Orange 3336  
Lo Micron Black 2515  
Lo Micron Brown 2582  
Lo Micron Brown 2593  
Lo Micron Brown 3567  
Lo Micron Brown 4075  
Lo Micron Extender  
Umber 3541  
Lo Micron Green 3597  
Lo Micron Pink  
Extender 3572  
Lo Micron Pink 2511  
Lo Micron Pink 3571  
Lo Micron Pink 4511  
Lo Micron Red 2011  
Lo Micron Red 2503  
Lo Micron Red 2505  
Lo Micron Red 2513  
Lo Micron Scarlet 1112

Lo Micron Sienna 3089  
Lo Micron Suntan 2500  
Lo Micron Suntan 2502  
Lo Micron Suntan 2509  
Lo Micron Suntan 2530  
Lo Micron Tan 3088  
Lo Micron Ultra  
Blue 2516  
Lo Micron Umber 2736  
Lo Micron Umber 3528  
Lo Micron Yellow  
Extender 3566  
Lo Micron Yellow  
Lake 5217  
Lo Micron Yellow 2576  
Lo Micron Yellow 2600  
Lo Micron Yellow 3074  
Merrie Pink 7252  
Mini Red 3607  
Nail Pink 3407  
Orchid Pink 7289  
Pagoda Red 3121  
Pale Bromo 3621  
Petite Orange 7236  
Petite Pink 7047  
Pico Orange 3136  
Pur Manganese  
Violet 3512  
Pur Oxy Black 3068  
Pur Oxy Black 3190  
Pur Oxy Blue 3591  
Pur Oxy Brown 3060  
Pur Oxy Brown 3171  
Pur Oxy Brown 3176

Pur Oxy Brown 3180  
Pur Oxy Brown 3183  
Pur Oxy Brown 3187  
Pur Oxy Brown 3593  
Pur Oxy Brown 3599  
Pur Oxy Orange  
Hi-Trans 3554  
Pur Oxy Orange 3181  
Pur Oxy Red  
Extender 3580  
Pur Oxy Red Hi-  
Trans 3553  
Pur Oxy Red 2040  
Pur Oxy Red 3080  
Pur Oxy Red 3511  
Pur Oxy Red 3551  
Pur Oxy Rust 3184  
Pur Oxy Sienna 3179  
Pur Oxy Umber 3315  
Pur Oxy Umber 3320  
Pur Oxy Yellow Hi-  
Trans 3173  
Pur Oxy Yellow 3170  
Pur Oxy Yellow 3172  
Pur Oxy Yellow 3178  
Regal Red 3003  
Rocket Red 3127  
Rose Pink 5521  
Rubine Lake 3106  
Rubinola Red 3007  
Shanghai Red 3019  
Sunkist Orange 3064  
Sunset Orange 3455  
Tiger Orange 3236  
Ultra Blue 3516  
Ultra Blue 3522  
Ultra Blue 3585  
Ultra Green 3586  
Ultra Pink 3520  
Ultrarose 3515  
Ultra Violet 3514  
Uranine 3058  
Vanguard Red 3006  
Veri Merrie Pink 3421  
Veri Pur Pink 3427  
Vintage Red 3107  
Yellow Lake 3105  
1112 Lo Micron Scarlet  
2011 Lo Micron Red  
2040 Pur Oxy Red  
2500 Lo Micron Suntan  
2502 Lo Micron Suntan  
2503 Lo Micron Red  
2505 Lo Micron Red  
2509 Lo Micron Suntan  
2511 Lo Micron Pink  
2513 Lo Micron Red  
2515 Lo Micron Black  
2516 Lo Micron  
Ultra Blue  
2523 Carnation Red  
2524 Color Blend  
2530 Lo Micron Suntan  
2576 Lo Micron Yellow  
2582 Lo Micron Brown  
2593 Lo Micron Brown  
2600 Lo Micron Yellow  
2736 Lo Micron Umber  
3003 Regal Red  
3006 Vanguard Red  
3007 Rubinola Red  
3009 Atomic Red  
3012 Bali Red  
3013 Brilliant Red  
3019 Shanghai Red  
3030 Heidi Rose  
3058 Uranine

3060 Pur Oxy Brown  
3064 Sunkist Orange  
3068 Pur Oxy Black  
3074 Lo Micron Yellow  
3080 Pur Oxy Red  
3088 Lo Micron Tan  
3089 Lo Micron Sienna  
3105 Yellow Lake  
3106 Rubine Lake  
3107 Vintage Red  
3109 Astro Orange  
3110 Diiodo Fluorescein  
3121 Pagoda Red  
3127 Rocket Red  
3136 Pico Orange  
3170 Pur Oxy Yellow  
3171 Pur Oxy Brown  
3172 Pur Oxy Yellow  
3173 Pur Oxy  
Yellow Hi-Trans  
3176 Pur Oxy Brown  
3178 Pur Oxy Yellow  
3179 Pur Oxy Sienna  
3180 Pur Oxy Brown  
3181 Pur Oxy Orange  
3183 Pur Oxy Brown  
3184 Pur Oxy Rust  
3187 Pur Oxy Brown  
3190 Pur Oxy Black  
3210 Diiodo Fluorescein  
3236 Tiger Orange  
3315 Pur Oxy Umber  
3320 Pur Oxy Umber  
3334 D & C Red Mix  
3336 Hue Orange  
3407 Nail Pink  
3421 Veri Merrie Pink  
3427 Veri Pur Pink  
3455 Sunset Orange  
3511 Pur Oxy Red  
3512 Pur Manganese  
Violet  
3514 Ultra Violet  
3515 Ultra Rose  
3516 Ultra Blue  
3520 Ultra Pink  
3522 Ultra Blue  
3528 Lo Micron Umber  
3535 Eye Shadow Rose  
3541 Lo Micron  
Extender Umber  
3545 Hilite Coppertone  
3551 Pur Oxy Red  
3553 Pur Oxy Red  
Hi-Trans  
3554 Pur Oxy  
Orange Hi-Trans  
3566 Lo Micron Yellow  
Extender  
3567 Lo Micron Brown  
3571 Lo Micron Pink  
3572 Lo Micron Pink  
Extender  
3580 Pur Oxy Red  
Extender  
3585 Ultra Blue  
3586 Ultra Green  
3591 Pur Oxy Blue  
3593 Pur Oxy Brown  
3597 Lo Micron Green  
3599 Pur Oxy Brown  
3607 Mini Red  
3621 Pale Bromo  
3655 Hi Tri Di  
4075 Lo Micron Brown  
4511 Lo Micron Pink  
5205 Dawn Orange



5217 Lo Micron Yellow Lake	7047 Petite Pink
5305 Flame Orange	7236 Petite Orange
5521 Rose Pink	7252 Merrie Pink
	7289 Orchid Pink

**THOMPSON-HAYWARD CHEMICAL COMPANY**

5200 Speaker Road  
P.O. Box 2383  
Kansas City, Kansas 66110  
913/321-3131

T-DET C-40	T-DET N-10.5
T-DET DD-5	T-DET N-12
T-DET DD-7	T-DET N-30
T-DET N-4	T-DET N-100
T-DET N-6	T-DET N-307
T-DET N-8	T-DET N-1007
T-DET N-9.5	T-DET O-407

**TOHO CHEM. IND. CO., LTD.**

11 Kakigara-Cho-1  
Nihonbashi  
Chuo-Ku  
Tokyo, Japan  
Alscoap TA-40

— U —

**UNION CAMP CORPORATION**

1600 Valley Road  
Wayne, New Jersey 07470  
201/628-9000

Century CD Fatty Acid	Unimate GMS-E
Century 1105	Unimate IPM
Century 1240	Unimate IPP
Unimate BYS	Unimate IPS
Unimate DBP	Unimate PGMS
Unimate DBS	Unimate 600
Unimate DIPS	Unimate 601
Unimate DOS	Unimate 605
Unimate GMS	

**UNION CARBIDE CORPORATION**

270 Park Avenue  
New York, New York 10017  
212/551-3763

Anhydrol	Polymer JR-125
Blend 104	Polymer JR-400
Butyl Carbitol	Polyox WSR-35
Butyl Cellosolve	Polyox WSR-205
Carbitol	Polyox WSR-301
Carbitol Acetate	Polyox WSR-1105
Carbowax 20M	Polyox WSR N-10
Carbowax 200	Polyox WSR N-80
Carbowax 300	Polyox WSR N-750
Carbowax 350	Polyox WSR N-3000
Carbowax 400	SAG-47
Carbowax 600	SAG-470
Carbowax 1000	Silicone L-45
Carbowax 1500	Silicone L-75
Carbowax 1540	Silicone L-77
Carbowax 4000	Silicone L-520
Carbowax 6000	Silicone L-522
Cellosize QP	Silicone L-530
Cellosize WP	Silicone L-531
Cellosolve	Silicone L-7500
Cellosolve Acetate	Silicone Y-4854
Diol 400	Tergitol NP-14
Diol 1000	Tergitol NP-15
Diol 2000	Tergitol NP-16
Diol 4000	Tergitol NP-27
Fluid AP	Tergitol NP-33
Kromfax	Tergitol NP-35
Methyl Carbitol	Tergitol NP-40
Methyl Cellosolve	Tergitol NP-44
Phenyl Cellosolve	Tergitol NPX
Polymer JR-30M	Tergitol TP-9

Tergitol XD	UCON LB-1145
Tergitol 12-P-6	UCON LB-1715
Tergitol 12-P-9	UCON LB-3000
Tergitol 12-P-12	UCON LO-500
Tergitol 13-S-5	UCON LO-1000
Tergitol 13-S-7	UCON Propellant 11
Tergitol 15-S-3	UCON Propellant 12
Tergitol 15-S-5	UCON Propellant 114
Tergitol 15-S-7	UCON 25-H-2005
Tergitol 15-S-9	UCON 50-HB-55
Tergitol 15-S-12	UCON 50-HB-100
Tergitol 15-S-20	UCON 50-HB-170
Tergitol 15-S-30	UCON 50-HB-260
Tergitol 15-S-40	UCON 50-HB-400
Tergitol 45-S-10	UCON 50-HB-660
Triol 700	UCON 50-HB-1000
UCAR Latex Resin WC-130	UCON 50-HB-2000
UCON LB-65	UCON 50-HB-3520
UCON LB-135	UCON 50-HB-5100
UCON LB-165	UCON 75-H-450
UCON LB-200	UCON 75-H-490
UCON LB-250	UCON 75-H-1400
UCON LB-285	UCON 75-H-90000
UCON LB-300	Volatile Silicone 7158
UCON LB-385	Volatile Silicone 7207
UCON LB-525	Y-4854 Silicone
UCON LB-625	

**UNION OIL COMPANY**

P.O. Box 7600  
Los Angeles, California 90051  
213/486-6640  
Aristowax 143  
Aristowax 165

**UNIVERSAL OIL PRODUCTS COMPANY**

Chemical Division  
State Highway 17  
East Rutherford, New Jersey 07073  
201/438-7800  
Sustane 1-F

**U. S. GELATINE DIVISION**

3343 Reid Street  
Gowanda, New York 14070  
716/532-3344  
Gelatin BB U.S. Edible

**U. S. INDUSTRIAL CHEMICALS COMPANY**

99 Park Avenue  
New York, New York 10016  
212/697-0700  
Microthene ML-733  
Microthene MN-714  
Microthene MN-722  
Punctilious Alcohol

— V —

**R. T. VANDERBILT COMPANY, INC.**

30 Winfield Street  
Norwalk, Connecticut 06855  
203/853-1400  
Darvan #1  
Darvan #7  
Nytal  
Snowgoose  
Vancide 89 RE  
Vanseal CS

Veegum F  
Veegum HV  
Veegum K  
Veegum Regular  
Veegum Special

**VAN DYK & COMPANY, INC.**

Main and William Streets  
Belleville, New Jersey 07109  
201/759-3225  
Ceraphyl IPL  
Ceraphyl 28  
Ceraphyl 31  
Ceraphyl 41  
Ceraphyl 50

Cerasynt 54 S.E.  
Ceraphyl 60  
Ceraphyl 65  
Ceraphyl 65E  
Ceraphyl 140

<i>Ceraphyl 140A</i>	<i>Cerasynt 1000-D</i>
<i>Ceraphyl 140-T</i>	<i>Emulsynt VL</i>
<i>Ceraphyl 225</i>	<i>Emulsynt VS</i>
<i>Ceraphyl 230</i>	<i>Emulsynt 505</i>
<i>Ceraphyl 286</i>	<i>Emulsynt 600</i>
<i>Ceraphyl 368</i>	<i>Emulsynt 610-A</i>
<i>Ceraphyl 375</i>	<i>Emulsynt 900</i>
<i>Ceraphyl 424</i>	<i>Emulsynt 910</i>
<i>Cerasynt D</i>	<i>Emulsynt 1055</i>
<i>Cerasynt IP</i>	<i>Emulsynt 2400</i>
<i>Cerasynt M</i>	<i>Escalol 106</i>
<i>Cerasynt MN</i>	<i>Escalol 506</i>
<i>Cerasynt P</i>	<i>Escalol 507</i>
<i>Cerasynt PA</i>	<i>Foamole A</i>
<i>Cerasynt PN</i>	<i>Foamole AR</i>
<i>Cerasynt Q</i>	<i>Foamole AS</i>
<i>Cerasynt SD</i>	<i>Foamole B</i>
<i>Cerasynt SE</i>	<i>Foamole G</i>
<i>Cerasynt Special</i>	<i>Foamole L</i>
<i>Cerasynt WM</i>	<i>Foamole M</i>
<i>Cerasynt 303</i>	<i>Foamole S</i>
<i>Cerasynt 616</i>	<i>Foamole 2-AC-2</i>
<i>Cerasynt 660</i>	<i>Preservatol</i>
<i>Cerasynt 840</i>	<i>Sorbotex AA</i>
<i>Cerasynt 945</i>	

**VELSICOL CHEMICAL CORPORATION**

341 East Ohio Street  
Chicago, Illinois 60611  
312/670-4500  
*Benzoflex 9-88*

**VULCAN MATERIALS**

Chemicals Division  
P.O. Box 545  
Wichita, Kansas 67201  
316/524-4211  
*Solvent 111*

— W —

**WALLERSTEIN COMPANY**

Division Travenol Laboratories, Inc.  
200 Wilmot Road  
Deerfield, Illinois 60015  
312/273-3680  
*Rapidase 2M*

**WAVERLY DIVISION**

Robinson-Wagner Company, Inc.  
628 Waverly Avenue  
Mamaroneck, New York 10543  
914/698-8550  
*Astringen*  
*Neocol A*  
*Neocol F-45*  
*Neocol T-12*

*Neocol 40-AX*  
*Neocol 57-E*  
*Neocol 2040-X*

**WESTBROOK LANOLIN COMPANY**

Argonaut Works  
Laisterdyke  
Bradford, BD4 8AU  
West Yorkshire, England  
*Acetadepts*  
*Albalan*  
*Aqualose L 30*  
*Aqualose L100*  
*Aqualose LL100*  
*Aqualose W5*  
*Aqualose W20*  
*Argonol ACE 2*  
*Argonol ACE 5*  
*Argonol 40*

*Argonol 50 Pharm.*  
*Argonol 50 Super*  
*Argonol 60*  
*Argowax Distilled*  
*Argowax LFA Distilled*  
*Argowax LFA Standard*  
*Argowax Standard*  
*Golden Dawn*  
*Hydeps*

**WESTERN DAIRY PRODUCTS DIVISION**

118 World Trade Center  
San Francisco, California 94111  
415/362-0906  
*Savortone Edible*

**WHITTAKER, CLARK & DANIELS, INC.**

1000 Coolidge Street  
South Plainfield, New Jersey 07080  
201/561-6100

<i>AGI Talc, BC 1615</i>	<i>Bentonite 2073</i>
<i>Albagen Premium</i>	<i>Lo Micron Talc,</i>
<i>USP 4444</i>	<i>BC 1621</i>
<i>Albagen 4446</i>	<i>Lo Micron Talc</i>
<i>Albagen 4439</i>	<i>USP, BC 2755</i>
<i>Alpine Talc USP,</i>	<i>Lo Micron Talc 1</i>
<i>BC 127</i>	<i>Metro Talc 4604</i>
<i>Alpine Talc USP,</i>	<i>Metro Talc 4608</i>
<i>BC 141</i>	<i>Metro Talc 4609</i>
<i>Alpine Talc USP,</i>	<i>Mica, Cosmetic,</i>
<i>BC 662</i>	<i>BC 280</i>
<i>Bentolite L 4435</i>	<i>Ti-o-Tal</i>
<i>Bentonite USP, BC 670</i>	

**WICKHEN PRODUCTS, INC.**

Big Pond Road  
Huguenot, New York 12746  
914/856-5261

<i>Waxenol 801</i>	<i>Wickenol 156</i>
<i>Wickenol 101</i>	<i>Wickenol 158</i>
<i>Wickenol 105</i>	<i>Wickenol 159</i>
<i>Wickenol 111</i>	<i>Wickenol 161</i>
<i>Wickenol 116</i>	<i>Wickenol 163</i>
<i>Wickenol 117</i>	<i>Wickenol 171</i>
<i>Wickenol 119</i>	<i>Wickenol 303</i>
<i>Wickenol 121</i>	<i>Wickenol 321</i>
<i>Wickenol 122</i>	<i>Wickenol 323</i>
<i>Wickenol 127</i>	<i>Wickenol 324</i>
<i>Wickenol 129</i>	<i>Wickenol 340</i>
<i>Wickenol 131</i>	<i>Wickenol 363D</i>
<i>Wickenol 136</i>	<i>Wickenol 371</i>
<i>Wickenol 141</i>	<i>Wickenol 535</i>
<i>Wickenol 143</i>	<i>Wickenol 543</i>
<i>Wickenol 151</i>	<i>Wickenol 545</i>
<i>Wickenol 152</i>	<i>Wickenol 707</i>
<i>Wickenol 153</i>	<i>Wickenol 717</i>
<i>Wickenol 155</i>	<i>Wickenol 727</i>

**WILL & BAUMER CANDLE COMPANY, INC.**

P.O. Box 711  
Syracuse, New York 13201  
315/451-1000  
*Ceresine AMP 71*  
*Cetaceum*

**WINTHROP LABORATORIES**

33 Riverside Avenue  
Rensselaer, New York 12144  
518/465-7331  
*Zephiran Chloride*

**WITCO CHEMICAL CORPORATION**

277 Park Avenue  
New York, New York 10017  
212/644-6300

<i>Benol White</i>	<i>Emcol E-607S</i>
<i>Mineral Oil</i>	<i>Emcol F-27-85</i>
<i>Blandol White</i>	<i>Emcol PPG 400</i>
<i>Mineral Oil</i>	<i>Emcol 4100M</i>
<i>Carnation White</i>	<i>Emcol 4161L</i>
<i>Mineral Oil</i>	<i>Emcol 4300</i>
<i>Emcol CC-9</i>	<i>Emphos CS-1361</i>
<i>Emcol CC-36</i>	<i>Emphos D70-30C</i>
<i>Emcol CC37-18</i>	<i>Emphos F27-85</i>
<i>Emcol CC-42</i>	<i>Ervol White</i>
<i>Emcol CMCD</i>	<i>Mineral Oil</i>
<i>Emcol E-607L</i>	<i>Fonoline, White</i>

Fonoline, Yellow  
 Fybrene  
 Gloria White  
   Mineral Oil  
 Kaydol White  
   Mineral Oil  
 Klearol White  
   Mineral Oil  
 Molo-Jel  
 Multiwax  
 Multiwax ML 445  
 Multiwax W-445  
 Multiwax W-835  
 Multiwax X-145  
 Multiwax 195M  
 Perfecta  
 Protol White  
   Mineral Oil  
 Protopet, Alba  
 Protopet, White 1S  
 Protopet, White 2L  
 Protopet, White 3C  
 Protopet, Yellow 1E  
 Protopet, Yellow 2A  
 Sonojell #4  
 Sonojell #9  
 Sponto H-44C  
 Sulframin LX Flakes  
 Sulframin LX Powder  
 Sulframin 14-16  
   AOS Flakes  
 Sulframin 14-16  
   AOS Slurry  
 Sulframin 16-18  
   AOS Flakes  
 Sulframin 16-18  
   AOS Slurry  
 Sulframin 40 Flakes  
 Sulframin 40 Granular  
 Sulframin 40RA  
 Sulframin 45 Liquid  
 Sulframin 45LX Liquid  
 Sulframin 60T  
 Sulframin 85  
 Sulframin 90 Flakes  
 Sulframin 1238 Slurry  
 Sulframin 1250 Slurry

Sulframin 1260 Slurry  
 Sulframin 1298  
   Sulfonic Acid  
 Ultra NXS  
 Ultra SCS  
 Ultra STS  
 Ultra Sulfate AE-3  
 Ultra Sulfate SL-1  
 Ultra SXS  
 Witcamide MAS  
 Witcamide MM  
 Witcamide 61  
 Witcamide 70  
 Witcamide 1017  
 Witcamide 5130  
 Witcamide 5195  
 Witco Aluminum Mono-  
   stearate U.S.P.  
 Witco Aluminum  
   Stearate 132  
 Witco Impalpable  
   Calcium Stearate M  
 Witco Magnesium  
   Stearate U.S.P.  
 Witco Sodium Oleate  
 Witco Sodium  
   Stearate C-1  
 Witco Sodium  
   Stearate C-6  
 Witco Zinc  
   Stearate U.S.P.  
 Witcolate 1050  
 Witconate 79S  
 Witconol APEM  
 Witconol APM  
 Witconol APS  
 Witconol CA  
 Witconol CC-43  
 Witconol CD-18  
 Witconol F26-46  
 Witconol MS  
 Witconol MST  
 Witconol PS-50  
 Witconol RHT  
 Witconol 14  
 Witconol 18L

**WITCO CHEMICAL**

Cyclo Division  
 Nathan Way,  
 Thamesmead, London SE28 OAH  
 England

Cyclal Cetostearyl Alcohol	Cyclomide PD
Cyclal Cetyl Alcohol	Cyclomide PM
Cyclal G16	Cyclomide PP
Cyclal G20	Cyclomide RD
Cyclal Stearyl Alcohol	Cyclomide RM
Cyclogol NI	Cyclomide RP
Cyclogol ZBL4	Cyclomide SD
Cyclogol ZBL6	Cyclomide SM
Cyclogol ZBL9	Cyclomide SP
Cyclogol ZBL11	Cyclomide TD
Cyclogol ZBL13	Cyclomide TM
Cyclogol ZBL15	Cyclonate 103
Cyclogol ZBL25	Cyclonate 105
Cyclogol ZBL30	Cyclonette Wax
Cyclogol 1000	Cycloryl GA
Cyclol EGMS	Cycloryl GD
Cyclomide CD	Cycloryl MA
Cyclomide CM	Cycloryl MD
Cyclomide CP	Cycloryl M3D
Cyclomide DS	Cycloryl M3D2
Cyclomide KD	Cycloryl M3D60
Cyclomide KM	Cycloryl NA
Cyclomide KP	Cycloryl SA
Cyclomide LD	Cycloryl TA
Cyclomide LM	Cycloryl TABS
Cyclomide LP	Cycloryl TD
Cyclomide ND	Cycloryl 21
Cyclomide NM	Cycloryl 31
Cyclomide NP	Cycloryl 580
Cyclomide OD	Cycloryl 585N
Cyclomide OM	Cycloton B50
Cyclomide OP	Cycloton V



# SECTION EIGHT

# Registry Numbers

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
MX8000-28-0	Lavender Oil	MX8002-64-0	Neatsfoot Oil	MX8008-89-7	Vegetable Oil
MX8000-34-8	Clove Oil	MX8002-66-2	Matricaria Oil	MX8009-03-8	Petrolatum (NF)
MX8000-42-8	Caraway Oil	MX8002-74-2	Paraffin		
MX8000-48-4	Eucalyptus Oil			MX8011-48-1	Pine Tar
MX8000-66-6	Cardamom Oil	MX8002-75-3	Palm Oil	MX8011-89-0	Balsam Tolu
		MX8002-80-0	Wheat Gluten	MX8011-96-9	Calamine
MX8000-73-5	Ammonium Carbonate	MX8003-22-3	D & C Yellow No. 11	MX8012-89-3	Beeswax (Yellow)
MX8001-17-0	Egg Oil	MX8003-22-3	Solvent Yellow 33	MX8012-95-1	Mineral Oil (USP)
MX8001-21-6	Sunflower Seed Oil	MX8004-87-3	Basic Violet 1		
MX8001-22-7	Soybean Oil			MX8012-96-2	Ipecac
		MX8004-92-0	Acid Yellow 3	MX8013-10-3	Juniper Tar
MX8001-23-8	Safflower Oil	MX8004-92-0	D & C Yellow No. 10	MX8013-34-1	Lanolin Alcohol
MX8001-25-0	Olive Oil	MX8006-13-1	Aluminum Acetate Solution	MX8013-76-1	Bitter Almond Oil
MX8001-26-1	Linseed Oil	MX8006-40-4	Beeswax (White)	MX8013-98-7	PVP/VA Copolymer
MX8001-29-4	Cottonseed Oil	MX8006-44-8	Candelilla Wax		
MX8001-30-7	Corn Oil			MX8015-67-6	Annatto
		MX8006-46-0	Stoneroot Extract	MX8015-86-9	Carnauba
MX8001-31-8	Coconut Oil	MX8006-63-1	o-Cresotic Acid	MX8015-92-7	Chamomile Oil
MX8001-39-6	Japan Wax	MX8006-78-8	Bay Oil	MX8015-97-2	Cloveleaf Oil
MX8001-54-5	Benzalkonium Chloride	MX8006-80-2	Sassafras Oil	MX8016-31-7	Lovage Oil
MX8001-69-2	Cod Liver Oil	MX8006-88-0	Pine Oil		
MX8001-74-9	Chaulmoogra Oil			MX8016-42-0	Balsam Peru
		MX8006-90-4	Peppermint Oil	MX8016-70-4	Hydrogenated Soybean Oil
MX8001-75-0	Ceresin	MX8006-95-9	Wheat Germ Oil	MX8020-84-6	Lanolin
MX8001-78-3	Hydrogenated Castor Oil	MX8007-02-1	Lemongrass Oil	MX8021-39-4	Creosote
MX8001-79-4	Castor Oil	MX8007-04-3	Hops Oil	MX8021-55-4	Ozokerite
MX8001-97-6	Aloe	MX8007-43-0	Sorbitan Sesquioleate		
MX8001-97-6	Aloe Juice			MX8022-07-9	Yarrow Oil
		MX8007-45-2	Coal Tar	MX8022-24-0	Turtle Oil
MX8002-03-7	Peanut Oil	MX8007-47-4	Balsam Canada	MX8022-29-5	Cherry Pit Oil
MX8002-13-9	Rapeseed Oil	MX8007-69-0	Sweet Almond Oil	MX8022-56-8	Sage Oil
MX8002-17-3	Saccharated Lime	MX8007-70-3	Anise Oil		
MX8002-23-1	Spermaceti			MX8023-77-6	Capsicum Oleoresin
MX8002-26-4	Tall Oil	MX8007-80-5	Cinnamon Oil	MX8023-79-8	Palm Kernel Oil
		MX8008-20-6	Deodorized Kerosene	MX8023-98-1	Peach Kernel Oil
MX8002-29-7	Tar Oil	MX8008-45-5	Nutmeg Oil	MX8024-02-0	Tea Tree Oil
MX8002-31-1	Cocoa Butter	MX8008-52-4	Coriander Oil	MX8024-22-4	Grape Seed Oil
MX8002-33-3	Sulfated Castor Oil	MX8008-56-8	Lemon Oil		
MX8002-43-5	Lecithin			MX8024-36-0	Cucumber Juice
MX8002-48-0	Malt Extract	MX8008-57-9	Orange Oil	MX8027-32-5	Petrolatum, White (USP)
		MX8008-74-0	Sesame Oil	MX8027-46-1	Raspberry Juice
MX8002-50-4	Menhaden Oil	MX8008-79-5	Spearmint Oil	MX8028-11-3	Bioflavonoids
MX8002-53-7	Montan Wax			MX8028-38-4	Lemon Extract

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
MX8028-66-8	Honey	PM9000-07-1	Carrageenan	PM9006-65-9	Dimethicone
MX8028-82-8	Lime Sulfur	PM9000-11-7	Cellulose Gum	PM9006-73-9	Nylon
MX8028-89-5	Caramel	PM9000-14-0	Copal		
MX8028-98-6	Acetylated Lanolin Alcohol	PM9000-16-2	Damar	PM9007-16-3	Carbomer-934
		PM9000-30-0	Guar Gum	PM9007-17-4	Carbomer-940
MX8029-34-3	Butter			PM9007-34-5	Collagen
MX8029-91-2	Acetylated Hydrogenated Lard Glyceride	PM9000-32-2	Gutta Percha	PM9008-60-0	Toluenesulfonamide/Formaldehyde Resin
MX8029-92-3	Acetylated Lard Glyceride	PM9000-35-5	Jalap Resin		
MX8030-12-4	Hydrogenated Tallow	PM9000-36-6	Karaya Gum		
		PM9000-40-2	Locust Bean Gum		
		PM9000-57-1	Sandarac Gum		
MX8030-97-5	Pyroligneous Acid			PM9009-99-8	Silk Powder
MX8031-10-5	Tallow Amine	PM9000-59-3	Shellac	PM9010-10-0	Soy Protein
MX8031-18-3	Fullers Earth	PM9000-65-1	Tragacanth Gum	PM9010-43-9	Octoxynol-9
MX8031-44-5	Hydrogenated Lanolin	PM9000-69-5	Pectin	PM9010-66-6	Zein
		PM9000-70-8	Gelatin	PM9010-85-9	Isobutylene/Isoprene Copolymer
		PM9000-71-9	Milk Protein		
MX8031-67-2	Royal Jelly			PM9015-54-7	Hydrolyzed Animal Protein
MX8031-76-3	Mistletoe Extract	PM9000-92-4	Amylase	50-00-0	Formaldehyde
MX8032-32-4	Mineral Spirits	PM9002-13-5	Urease	50-21-5	Lactic Acid
MX8033-29-2	Hydrogenated Palm Oil	PM9002-18-0	Agar	50-70-4	Sorbitol
MX8033-69-0	Sodium Cocaminopropionate	PM9002-88-4	Polyethylene		
		PM9002-89-5	Polyvinyl Alcohol	50-81-7	Ascorbic Acid
MX8036-73-5	Quaternium-2			50-99-7	Glucose
MX8036-77-9	PEG-40 Sorbitan Lanolate	PM9003-05-8	Polyacrylamide	51-78-5	p-Aminophenol HCl
MX8037-14-7	Coconut Acid	PM9003-09-2	Polyvinyl Methyl Ether	52-51-7	2-Bromo-2-Nitropropane-1,3-Diol
MX8038-43-5	Lanolin Oil	PM9003-11-6	Poloxamer 188		
MX8038-77-5	Bayberry Wax	PM9003-20-7	Polyvinyl Acetate		
		PM9003-27-4	Polyisobutene		
MX8038-93-5	Sodium Aluminum Chlorohydroxy Lactate			54-21-7	Sodium Salicylate
MX8039-09-6	PEG-75 Lanolin	PM9003-28-5	Polybutene	54-64-8	Thimerosal
MX8039-67-6	Cocamide MIPA	PM9003-32-1	Polyethylacrylate	55-55-0	p-Methylaminophenol Sulfate
MX8039-91-6	Lard Glyceride	PM9003-39-8	PVP	55-56-1	Chlorhexidine
		PM9003-53-6	Polystyrene		
		PM9003-62-7	Polyvinyl Butyral		
MX8040-05-9	Hydrogenated Lard Glyceride			56-18-8	Imino-Bis-Propylamine
MX8040-07-1	Tallow Glyceride	PM9004-30-2	Carboxymethyl Hydroxyethylcellulose	56-40-6	Glycine
MX8040-08-2	Cottonseed Glyceride	PM9004-53-9	Dextrin	56-41-7	Alanine (L)
MX8045-21-4	Quaternium-14	PM9004-54-0	Dextran	56-45-1	Serine (L)
		PM9004-57-3	Ethylcellulose		
MX8049-98-7	Milk			56-65-5	Adenosine Triphosphate
MX8050-09-7	Rosin	PM9004-61-9	Hyaluronic Acid	56-81-5	Glycerin
MX8050-60-0	Podophyllum	PM9004-62-0	Hydroxyethylcellulose	56-89-3	Cystine (L)
MX8050-69-9	Collodion	PM9004-64-2	Hydroxypropylcellulose	57-09-0	Cetrimonium Bromide
		PM9004-65-3	Hydroxypropyl Methylcellulose	57-10-3	Palmitic Acid
MX8050-70-2	Flexible Collodion				
MX8050-81-5	Simethicone			57-11-4	Stearic Acid
MX8051-13-6	PEG-75 Sorbitan Lanolate	PM9004-67-5	Methylcellulose	57-13-6	Urea
MX8051-15-8	PEG-6 Sorbitan Beeswax	PM9004-73-3	Methicone	57-15-8	Chlorobutanol
		PM9004-76-5	Glycofurool	57-50-1	Sucrose
		PM9004-95-9	Ceteth-20	57-55-6	Propylene Glycol
		PM9005-07-6	PEG-12 Dioleate		
MX8051-52-3	PEG-15 Cocamine			57-63-6	Ethynylestradiol
MX8051-58-9	PEG-5 Tallow Amine	PM9005-22-5	Sodium Cellulose Sulfate	57-88-5	Cholesterol
MX8051-61-4	PEG-5 Tallow Amide	PM9005-32-7	Alginate Acid	58-27-5	Menadione
MX8051-63-6	PEG-50 Tallow Amide	PM9005-34-9	Ammonium Alginate	58-55-9	Theophylline
		PM9005-35-0	Calcium Alginate		
		PM9005-36-1	Potassium Alginate		
MX8051-81-8	PEG-27 Lanolin			58-56-0	Pyridoxine HCl
MX8051-82-9	PEG-40 Lanolin			58-85-5	Biotin
MX8052-14-0	Turpentine	PM9005-37-2	Propylene Glycol Alginate	59-30-3	Folic Acid
MX8052-62-8	Cocamide MEA	PM9005-38-3	Algin	59-50-7	p-Chloro-m-Cresol
		PM9005-46-3	Sodium Caseinate		
MX8054-40-8	Berberis Extract	PM9005-64-5	Polysorbate 20		
MX8057-49-6	Valerian Extract			59-51-8	Methionine
MX8057-51-0	Crataegus Extract			59-67-6	Niacin
MX8057-57-6	Buckthorn Extract			60-00-4	EDTA
MX8057-65-6	Arnica Extract	PM9005-65-6	Polysorbate 80	60-12-8	Phenethyl Alcohol
		PM9005-66-7	Polysorbate 40	60-29-7	Ether
		PM9005-67-8	Polysorbate 60		
		PM9005-70-3	Polysorbate 85		
MX8061-51-6	Sodium Lignosulfonate			60-33-3	Linoleic Acid
MX8061-52-7	Calcium Lignosulfonate			61-19-8	Adenosine Phosphate
MX8063-18-1	Stramonium	PM9005-71-4	Polysorbate 65		
PM9000-01-5	Acacia	PM9006-02-4	Rayon		
PM9000-05-9	Benzoin	PM9006-37-5	PVP-Iodine		

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
61-73-4	Basic Blue 9	79-07-2	Chloroacetamide	94-13-3	Propylparaben
62-38-4	Phenyl Mercuric Acetate	79-11-8	Chloroacetic Acid	94-14-4	Isobutyl PABA
		79-14-1	Glycolic Acid	94-18-8	Benzylparaben
62-44-2	Phenacetin	79-16-3	Methyl Acetamide	94-24-6	Tetracaine
62-54-4	Calcium Acetate	79-20-9	Methyl Acetate	94-25-7	Butyl PABA
62-56-6	Thiourea				
62-76-0	Sodium Oxalate	79-31-2	Isobutyric Acid	94-26-8	Butylparaben
		79-42-5	Thiolactic Acid	94-43-9	Phenyl Mercuric Benzoate
63-42-3	Lactose	79-63-0	Lanosterol	94-51-9	PPG-2 Dibenzoate
64-02-8	Tetrasodium EDTA	79-74-3	Diamylhydroquinone	94-96-2	Ethyl Hexanediol
64-17-5	Alcohol	79-81-2	Retinyl Palmitate	95-54-5	o-Phenylenediamine
64-18-6	Formic Acid				
65-23-6	Pyridoxine	80-05-7	4,4'-Isopropylidenediphenol	95-55-6	o-Aminophenol
		80-62-6	Methyl Methacrylate	95-70-5	Toluene-2,5-Diamine
65-45-2	Salicylamide	80-97-7	Dihydrocholesterol	95-86-3	2,4-Diaminophenol
65-85-0	Benzoic Acid	81-07-2	Saccharin	95-88-5	4-Chlororesorcinol
67-03-8	Thiamine HCl	81-11-8	Amsonic Acid	96-26-4	Dihydroxyacetone
67-43-6	Pentetic Acid				
67-56-1	Methyl Alcohol	81-48-1	D & C Violet No. 2	96-27-5	Thioglycerin
		81-48-1	Solvent Violet 13	96-48-0	Butyrolactone
67-63-0	Isopropyl Alcohol	81-77-6	Vat Blue 4	96-91-3	Picramic Acid
67-64-1	Acetone	81-88-9	Basic Violet 10	97-23-4	Dichlorophene
68-04-2	Sodium Citrate	81-88-9	D & C Red No. 19	97-24-5	2,2'-Thiobis (4-Chlorophenol)
68-11-1	Thioglycolic Acid				
68-26-8	Retinol	83-56-7	1,5-Naphthalenediol	97-53-0	Eugenol
		83-72-7	Henna	97-59-6	Allantoin
69-65-8	Mannitol	83-88-5	Riboflavin	97-63-2	Ethyl Methacrylate
69-72-7	Salicylic Acid	84-66-2	Diethyl Phthalate	97-67-6	Malic Acid
69-93-2	Uric Acid	84-72-0	Ethyl Phthalyl Ethyl Glycolate	97-78-9	Lauroyl Sarcosine
70-30-4	Hexachlorophene				
71-23-8	Propyl Alcohol	84-74-2	Dibutyl Phthalate	97-88-1	Butyl Methacrylate
		85-19-8	Benzophenone-7	97-99-4	Tetrahydrofurfuryl Alcohol
71-36-3	n-Butyl Alcohol	85-30-3	Guanosine	98-01-1	Furfural
71-55-6	Trichloroethane	85-68-7	Butyl Benzyl Phthalate	98-79-3	PCA
72-17-3	Sodium Lactate	85-70-1	Butyl Phthalyl Butyl Glycolate	98-92-0	Niacinamide
72-19-5	Threonine (L)			99-49-0	Carvone
73-40-5	Guanine				
		85-71-2	Methyl Phthalyl Ethyl Glycolate	99-56-9	4-Nitro-o-Phenylenediamine
74-98-6	Propane			99-57-0	2-Amino-4-Nitrophenol
75-07-0	Acetaldehyde	85-86-9	D & C Red No. 17	99-76-3	Methylparaben
75-09-2	Methylene Chloride	85-86-9	Solvent Red 23	99-87-6	p-Cymene
75-21-8	Ethylene Oxide	86-75-9	Benzoxyquinone	99-98-9	N,N-Dimethyl-p-Phenylene- diamine
75-28-5	Isobutane				
		87-28-5	Glycol Salicylate	100-51-6	Benzyl Alcohol
75-31-0	Isopropylamine	87-66-1	Pyrogallol	100-52-7	Benzaldehyde
75-45-6	Hydrochlorofluorocarbon 22	87-89-8	Inositol	100-97-0	Methenamine
75-56-9	Propylene Oxide	88-04-0	Chloroxylenol	101-20-2	Triclocarban
75-57-0	Tetramethylammonium Chloride			101-54-2	N-Phenyl-p-Phenylene- diamine
		88-29-9	Acetyl Ethyl Tetramethyl Tetralin	101-81-5	Diphenyl Methane
75-65-0	t-Butyl Alcohol			102-29-4	Resorcinol Acetate
75-68-3	Hydrochlorofluorocarbon 142B	88-58-4	Di-t-Butyl Hydroquinone	102-60-3	Tetrahydroxypropyl Ethylenediamine
		89-46-3	Menthyl Salicylate	102-71-6	Triethanolamine
75-69-4	Chlorofluorocarbon 11	89-48-5	Menthyl Acetate	102-76-1	Triacetin
75-71-8	Chlorofluorocarbon 12				
		89-65-6	Erythorbic Acid	102-87-4	Trilaurylamine
76-14-2	Chlorofluorocarbon 114	89-68-9	Chlorothymol	102-98-7	Phenyl Mercuric Borate
76-22-2	Camphor	89-78-1	Menthol	103-04-8	Phenylthioglycolic Acid
77-78-1	Dimethyl Sulfate	89-83-8	Thymol	103-41-3	Benzyl Cinnamate
77-86-1	Tromethamine			103-84-4	Acetanilid
		90-04-0	o-Anisidine	104-28-9	Cinoxate
77-89-4	Acetyl Triethyl Citrate	90-15-3	1-Naphthol	104-46-1	Anethole
77-90-7	Acetyl Tributyl Citrate	90-43-7	o-Phenylphenol	104-55-2	Cinnamal
77-92-9	Citric Acid	91-64-5	Coumarin	104-68-7	Phenoxydiglycol
77-93-0	Triethyl Citrate			104-74-5	Laurylpyridinium Chloride
77-94-1	Tributyl Citrate				
		93-15-2	Methyl Eugenol	104-94-9	p-Anisidine
78-21-7	Quaternium-25	93-23-2	Lauryl Isoquinolinium Bromide	105-58-8	Ethyl Carbonate
78-78-4	Isopentane				
78-93-3	MEK	93-69-6	o-Tolyl Biguanide		
78-96-6	Isopropanolamine	93-83-4	Oleamide DEA		
79-01-6	Trichloroethylene				

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
105-97-5	Dicapryl Adipate	111-58-0	Oleamide MEA	124-22-1	Lauramine
106-02-5	Pentadecalactone	111-60-4	Glycol Stearate	124-26-5	Stearamide
106-11-6	PEG-2 Stearate	111-76-2	Butoxyethanol	124-28-7	Dimethyl Stearamine
		111-77-3	Methoxydiglycol		
106-12-7	PEG-2 Oleate	111-82-0	Methyl Laurate	124-29-8	Cetyl Alcohol
106-14-9	Hydroxystearic Acid	111-87-5	Caprylic Alcohol	124-30-1	Stearamine
106-16-1	Ricinoleamide MEA	111-90-0	Ethoxydiglycol	124-38-9	Carbon Dioxide
106-17-2	Glycol Ricinoleate	112-00-5	Laurtrimonium Chloride	124-43-6	Urea Peroxide
106-20-7	Diocetylamine	112-02-7	Cetrimonium Chloride	124-68-5	Aminomethyl Propanol
106-50-3	p-Phenylenediamine			126-00-1	Diphenolic Acid
106-69-4	1,2,6-Hexanetriol	112-03-8	Steartrimonium Chloride	126-11-4	Tris (Hydroxymethyl) Nitromethane
106-70-7	Methyl Caproate	112-10-7	Isopropyl Stearate	126-13-6	Sucrose Acetate Isobutyrate
106-97-8	Butane	112-18-5	Dimethyl Lauramine	126-14-7	Sucrose Octaacetate
107-06-2	Ethylene Dichloride	112-27-6	Triethylene Glycol	126-86-3	Tetramethyl Decylenediol
107-21-1	Glycol	112-30-1	Decyl Alcohol	126-97-6	Ethanolamine Thioglycolate
107-22-2	Glyoxal				
107-41-5	Hexylene Glycol	112-34-5	Butoxydiglycol	127-09-3	Sodium Acetate
107-43-7	Betaine	112-38-9	Undecylenic Acid	127-18-4	Tetrachloroethylene
107-46-0	Hexamethyldisiloxane	112-53-8	Lauryl Alcohol	127-39-9	Diisobutyl Sodium Sulfosuccinate
107-64-2	Quaternium-5	112-61-8	Methyl Stearate	127-65-1	Chloramine-T
107-88-0	Butylene Glycol	112-62-9	Methyl Oleate	127-82-2	Zinc Phenolsulfonate
107-96-0	Mercaptopropionic Acid	112-70-9	Tridecyl Alcohol	128-37-0	BHT
107-98-2	Methoxypropanol	112-72-1	Myristyl Alcohol	128-80-3	D & C Green No. 6
108-05-4	Vinyl Acetate	112-80-1	Oleic Acid	128-80-3	Solvent Green 3
108-21-4	Isopropyl Acetate	112-85-6	Behenic Acid	131-11-3	Dimethyl Phthalate
108-30-5	Succinic Anhydride	112-92-5	Stearyl Alcohol	131-53-3	Benzophenone-8
108-31-6	Maleic Anhydride	115-69-5	Aminomethyl Propanediol		
108-32-7	Propylene Carbonate	115-92-4	Dimethyl Phosphate	131-54-4	Benzophenone-6
108-45-2	m-Phenylenediamine	117-84-0	Diocetyl Phthalate	131-55-5	Benzophenone-2
108-46-3	Resorcinol	118-00-3	Guanosine	131-56-6	Benzophenone-1
108-73-6	Phloroglucinol	118-56-9	Homosalate	131-57-7	Benzophenone-3
		118-58-1	Benzyl Salicylate	132-27-4	Sodium o-Phenyl Phenate
108-78-1	Melamine	118-60-5	Octyl Salicylate		
108-88-3	Toluene	119-15-3	Disperse Yellow 1	132-65-0	Diphenylene Sulfide
108-95-2	Phenol	119-34-6	4-Amino-2-Nitrophenol	133-06-2	Captan
109-30-8	PEG-2 Distearate	119-36-8	Methyl Salicylate	133-53-9	Dichloro-m-Xylenol
109-43-3	Dibutyl Sebacate	120-40-1	Lauramide DEA	134-03-2	Sodium Ascorbate
				134-09-8	Menthyl Anthranilate
109-60-4	Propyl Acetate	120-47-8	Ethylparaben		
109-86-4	Methoxyethanol	120-51-4	Benzyl Benzoate	134-31-6	Oxyquinoline Sulfate
109-87-7	Diethylamine	120-80-9	Pyrocatechol	134-62-3	N,N-Diethyl-m-Toluamide
110-15-6	Succinic Acid	120-93-4	Ethylene Urea	135-19-3	2-Naphthol
110-16-7	Maleic Acid	121-32-4	Ethyl Vanillin	136-17-4	2,4-Diaminodiphenylamine
				136-44-7	Glyceryl PABA
110-19-0	Isobutyl Acetate	121-33-5	Vanillin		
110-25-8	Oleoyl Sarcosine	121-54-0	Benzethonium Chloride	137-08-6	Calcium Pantothenate
110-27-0	Isopropyl Myristate	121-79-9	Propyl Gallate	137-09-7	2,4-Diaminophenol HCl
110-34-9	Isobutyl Palmitate	121-88-0	2-Amino-5-Nitrophenol	137-16-6	Sodium Lauroyl Sarcosinate
110-36-1	Butyl Myristate	122-18-9	Cetalkonium Chloride	137-20-2	Sodium Methyl Oleoyl Taurate
				137-40-6	Sodium Propionate
110-44-1	Sorbic Acid	122-19-0	Stearalkonium Chloride		
110-86-1	Pyridine	122-20-3	Triisopropanolamine	137-66-6	Ascorbyl Palmitate
110-91-8	Morpholine	122-32-7	Triolein	139-08-2	Myristalkonium Chloride
110-97-4	Diisopropanolamine	122-62-3	Diocetyl Sebacate	139-33-3	Disodium EDTA
110-98-5	Dipropylene Glycol	122-99-6	Phenoxyethanol	139-44-6	Trihydroxystearin
				139-89-9	Trisodium HEDTA
111-01-3	Squalane	123-03-5	Cetylpyridinium Chloride	139-96-8	TEA-Lauryl Sulfate
111-02-4	Squalene	123-28-4	Dilauryl Thiodipropionate	140-01-2	Pentasodium Pentetate
111-03-5	Glyceryl Oleate	123-30-8	p-Aminophenol	140-03-4	Methyl Acetyl Ricinoleate
111-11-5	Methyl Caprylate	123-31-9	Hydroquinone	140-04-5	Butyl Acetyl Ricinoleate
111-15-9	Ethoxyethanol Acetate	123-42-2	Diacetone Alcohol	140-11-4	Benzyl Acetate
111-17-1	3,3'-Thiodipropionic Acid	123-79-5	Diocetyl Adipate	141-08-2	Glyceryl Ricinoleate
111-27-3	Hexyl Alcohol	123-86-4	Butyl Acetate	141-20-8	PEG-2 Laurate
111-30-8	Glutaral	123-95-5	Butyl Stearate	141-22-0	Ricinoleic Acid
111-42-2	Diethanolamine	124-03-8	Quaternium-17	141-23-1	Methyl Hydroxystearate
111-46-6	Diethylene Glycol	124-04-9	Adipic Acid	141-24-2	Methyl Ricinoleate
111-48-8	Thiodiglycol	124-07-2	Caprylic Acid		
111-57-9	Stearamide MEA	124-10-7	Methyl Myristate		



Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
141-43-5	Ethanolamine	518-45-6	Acid Yellow 73	846-70-8	Ext. D & C Yellow No. 7
141-78-6	Ethyl Acetate	518-45-6	D & C Yellow No. 7	860-22-0	Acid Blue 74
141-86-6	2,6-Diaminopyridine	518-47-8	D & C Yellow No. 8	860-22-0	FD & C Blue No. 2
142-03-0	Aluminum Diacetate	520-45-6	Dehydroacetic Acid		
142-26-7	Acetamide MEA	526-83-0	Tartaric Acid	877-24-7	Potassium Biphthalate
				922-80-5	Diamyl Sodium Sulfosuccinate
142-48-3	Stearoyl Sarcosine	531-75-9	Esculin	923-32-0	Cystine (DL)
142-54-1	Lauramide MIPA	532-32-1	Sodium Benzoate	1002-89-7	Ammonium Stearate
142-77-8	Butyl Oleate	532-82-1	Basic Orange 2	1052-38-6	Basic Brown 1
142-82-5	Heptane	533-96-0	Sodium Sesquicarbonate		
142-87-0	Sodium Decyl Sulfate	537-65-5	4,4'-Diaminodiphenylamine		
142-90-5	Lauryl Methacrylate			1066-33-7	Ammonium Bicarbonate
				1103-38-4	D & C Red No. 12
142-91-6	Isopropyl Palmitate	538-71-6	Domiphen Bromide	1103-38-4	Pigment Red 49:1
143-07-7	Lauric Acid	540-10-3	Cetyl Palmitate	1103-39-5	D & C Red. No. 11
143-13-5	Nonyl Acetate	544-62-7	Batyl Alcohol		
143-18-0	Potassium Oleate	544-63-8	Myristic Acid		
143-19-1	Sodium Oleate	546-93-0	Magnesium Carbonate	1103-39-5	Pigment Red 49:2
				1120-01-0	Sodium Cetyl Sulfate
143-28-2	Oleyl Alcohol	548-26-5	Acid Red 87	1166-52-5	Dodecyl Gallate
144-15-0	Acetyl Trioctyl Citrate	548-26-5	D & C Red No. 22	1190-63-2	Cetyl Stearate
144-55-8	Sodium Bicarbonate	555-43-1	Tristearin		
147-14-8	Pigment Blue 15	555-44-2	Tripalmitin		
147-93-3	Thiosalicylic Acid	555-45-3	Trimyristin	1191-50-0	Sodium Myristyl Sulfate
				1220-94-6	Disperse Violet 4
148-24-3	Oxyquinoline	557-04-0	Magnesium Stearate	1248-18-6	D & C Red No. 10
150-13-0	PABA	557-05-1	Zinc Stearate	1248-18-6	Pigment Red 49
150-38-9	Trisodium EDTA	557-08-4	Zinc Undecylenate	1300-35-2	Aluminum Phenolsulfonate
150-39-0	HEDTA	568-63-8	Acid Red 51		
150-76-5	p-Hydroxyanisole	568-63-8	FD & C Red No. 3	1300-72-7	Sodium Xylene Sulfonate
151-21-3	Sodium Lauryl Sulfate			1302-78-9	Bentonite
				1303-96-4	Sodium Borate
152-75-0	Solvent Red 43	576-37-4	Glucuronic Acid	1304-76-3	Bismuth Trioxide
275-51-4	Azulene	577-11-7	Diocetyl Sodium Sulfosuccinate	1304-85-4	Bismuth Subnitrate
298-12-4	Glyoxylic Acid				
300-39-0	Diiodotyrosine	582-17-2	2,7-Naphthalenediol	1305-62-0	Calcium Hydroxide
300-92-5	Aluminum Distearate	584-08-7	Potassium Carbonate	1305-78-8	Calcium Oxide
				1308-38-9	Chromium Oxide Greens
301-02-0	Oleamide	584-62-9	Basic Violet 3	1309-42-8	Magnesium Hydroxide
301-04-2	Lead Acetate	587-98-4	Acid Yellow 36	1309-48-4	Magnesium Oxide
302-72-7	Alanine (DL)	587-98-4	Ext. D & C Yellow No. 1		
302-84-1	Serine (DL)	590-00-1	Potassium Sorbate		
304-59-6	Rochelle Salt	591-27-5	m-Aminophenol	1310-58-3	Potassium Hydroxide
				1310-65-2	Lithium Hydroxide
304-61-0	Antimony Potassium Tartrate	593-29-3	Potassium Stearate	1310-73-2	Sodium Hydroxide
314-74-2	Sodium Sulfanilate	596-03-2	D & C Orange No. 5	1311-10-0	Strontium Hydroxide
329-71-5	2,5-Dinitrophenol	615-05-4	4-Methoxy-m-Phenylene-diamine	1312-76-1	Potassium Silicate
334-48-5	Capric Acid				
369-77-7	Cloflucarban	615-66-7	2-Chloro-p-Phenylenediamine	1314-13-2	Zinc Oxide
				1314-18-7	Strontium Dioxide
408-35-5	Sodium Palmitate	624-18-0	p-Phenylenediamine HCl	1314-22-3	Zinc Peroxide
470-82-6	Eucalyptol	627-83-8	Glycol Distearate	1314-98-3	Zinc Sulfide
471-34-1	Calcium Carbonate	628-63-7	Amyl Acetate		
471-53-4	Glycyrrhetic Acid	629-14-1	Ethoxyethanol	1317-25-5	Alcloxa
		629-25-4	Sodium Laurate	1317-45-9	Tin Oxide
		629-38-9	Ethoxydiglycol Acetate	1318-93-0	Montmorillonite
		629-70-9	Cetyl Acetate	1319-50-2	Magnesium Carbonate Hydroxide
477-73-6	Basic Red 2				
482-54-2	Cyclohexanediamine Tetra-acetic Acid	631-61-8	Ammonium Acetate	1319-86-4	Chloromethoxypropyl-mercuric Acetate
482-89-3	D & C Blue No. 6	633-96-5	Acid Orange 7	1319-95-5	Glyceryl Stearate
482-89-3	Vat Blue 1	633-96-5	D & C Orange No. 4	1320-07-6	D & C Brown No. 1
		637-12-7	Aluminum Stearate	1321-21-7	PPG-2 Methyl Ether
		637-39-8	TEA-Hydrochloride		
		637-64-9	Tetrahydrofurfuryl Acetate		
483-84-1	Acid Yellow 1				
489-84-9	Guaiazulene	642-59-1	Acid Red 27	1321-87-5	Dimethyl Octylenediol
496-72-0	Toluene-3,4-Diamine	646-13-9	Isobutyl Stearate	1322-88-9	Glyceryl Laurate
497-19-8	Sodium Carbonate	666-84-2	Abietyl Alcohol	1322-98-1	Sodium Decylbenzenesulfonate
498-18-0	Norvaline	693-36-7	Distearyl Thiodipropionate		Myristyl Lactate
		813-93-4	Bismuth Citrate		
		814-71-1	Calcium Thioglycolate	1323-03-1	
499-44-5	Hinokitiol				
515-69-5	Bisabolol	822-16-2	Sodium Stearate	1323-39-3	Propylene Glycol Stearate
518-40-1	D & C Orange No. 10	828-00-2	Dimethoxane	1323-65-5	Dinonyl Phenol
518-40-1	Solvent Red 73				

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
1327-36-2	Aluminum Silicate	2134-15-8	D & C Red No. 27	3567-66-6	D & C Red No. 33
1327-41-9	Aluminum Chlorohydrate	2198-59-6	N-Phenyl-p-Phenylene-diamine HCl	3655-00-3	Disodium Lauriminodipropionate
1327-43-1	Magnesium Aluminum Silicate	2235-54-3	Ammonium Lauryl Sulfate		
		2244-21-5	Potassium Troclosene		
1328-53-6	Pigment Green 7			3734-33-6	Denatonium Benzoate
1330-20-7	Xylene	2353-45-9	FD & C Green No. 3	3734-67-6	Acid Red 1
1330-78-5	Tricresyl Phosphate	2379-74-0	D & C Red No. 30	3794-83-0	Tetrasodium Etidronate
1331-20-0	Potassium Toluene Sulfonate	2379-74-0	Vat Red 1	3811-04-9	Potassium Chlorate
		2390-60-5	Basic Blue 7	3811-71-0	Direct Brown 1
1331-39-1	Trimethylhexanol				
1331-61-9	Ammonium Dodecylbenzene Sulfonate	2429-81-4	Direct Brown 31	3999-01-7	Linoleamide
		2429-82-5	Direct Brown 2	4065-45-6	Benzophenone-4
1332-07-6	Zinc Borate	2452-01-9	Zinc Laurate	4080-31-3	Quaternium-15
1332-09-8	Pumice	2475-45-8	Disperse Blue 1	4371-52-2	Cysteine
				4372-46-7	Pyridoxine Tripalmitate
1332-58-7	Kaolin	2475-46-9	Disperse Blue 3	4403-90-1	Acid Green 25
1332-79-2	Ultramarine Blue	2512-29-0	Pigment Yellow 1	4403-90-1	D & C Green No. 5
1333-84-2	Alumina (Hydrate)	2586-58-5	Direct Brown 1:2	4418-26-2	Sodium Dehydroacetate
1335-72-4	Sodium Laureth Sulfate	2599-01-1	Cetyl Myristate	4429-42-9	Potassium Metabisulfite
		2601-98-1	Magnesium Palmitate	4430-18-6	Acid Violet 43
				4430-18-6	Ext. D & C Violet No. 2
1336-21-6	Ammonium Hydroxide	2602-46-2	Direct Blue 6		
1337-76-4	Attapulgite	2610-11-9	Direct Red 81	4438-16-8	Basic Orange 1
1338-41-6	Sorbitan Stearate	2650-18-2	Acid Blue 9	4482-25-1	Basic Brown 4
1339-49-7	Choleth-24	2650-18-2	FD & C Blue No. 1	4485-12-5	Lithium Stearate
		2673-22-5	Ditridecyl Sodium Sulfosuccinate	4500-01-0	Glycol Oleate
				4548-53-2	FD & C Red No. 4
1341-08-8	Quaternium-7				
1341-54-4	Benzophenone-11	2702-33-2	Solubilized Vat Blue 5	4618-23-9	Acid Red 92
1343-88-0	Magnesium Silicate	2717-15-9	TEA-Oleate	4618-23-9	D & C Red No. 28
1343-90-4	Magnesium Trisilicate	2724-58-5	Isostearic Acid	4618-23-9	Solvent Red 48
		2778-96-3	Stearyl Stearate	4706-78-9	Potassium Lauryl Sulfate
		2783-94-0	FD & C Yellow No. 6	4776-06-1	Fluorosalan
1344-00-9	Sodium Silicoaluminate				
1344-09-8	Sodium Silicate				
1344-28-1	Alumina (Anhydrous)	2814-77-9	D & C Red No. 36	5064-31-3	Trisodium NTA
1344-45-2	Mercuric Oxide	2814-77-9	Pigment Red 4	5131-58-8	4-Nitro-m-Phenylenediamine
1345-00-2	Ultramarine Green	2832-40-8	Disperse Yellow 3	5141-20-8	Acid Green 5
		2835-95-2	4-Amino-2-Hydroxytoluene	5160-02-1	D & C Red No. 9
				5160-02-1	Pigment Red 53:1
1390-65-4	Carmine				
1405-17-0	Quassin	2867-47-2	Dimethylaminoethyl Methacrylate	5281-04-9	D & C Red No. 7
1405-86-3	Glycyrrhizic Acid			5281-04-9	Pigment Red 57:1
1406-16-2	Ergocalciferol	2872-48-2	Disperse Red 11	5307-14-2	2-Nitro-p-Phenylenediamine
1407-03-0	Ammonium Glycyrrhizate	2872-52-8	Disperse Red 1	5333-42-6	Octyl Dodecanol
		3006-15-3	Dihexyl Sodium Sulfosuccinate	5350-25-4	Solvent Red 72
1463-95-2	Quaternium-51				
1472-87-3	Dimethyl Brassylate	3012-65-5	Diammonium Citrate	5401-17-2	PEG-2 Ricinoleate
1562-00-1	Sodium Isethionate	3026-63-9	Sodium Tridecyl Sulfate	5413-75-2	Acid Red 73
1592-23-0	Calcium Stearate	3097-08-3	Magnesium Lauryl Sulfate	5421-46-5	Ammonium Thioglycolate
1641-17-4	Benzophenone-10	3121-60-6	Benzophenone-9	5466-76-2	Isopropyl Methoxycinnamate
		3179-81-5	Diethylaminoethyl Stearate	5470-11-1	Hydroxylamine HCl
		3179-89-3	Disperse Red 17		
1658-56-6	Acid Red 88				
1694-09-3	Acid Violet 49				
1767-81-3	2,3-Naphthalenediol	3228-02-2	o-Cymen-5-ol	5579-81-7	Aldioxa
1843-05-6	Benzophenone-12	3234-85-3	Myristyl Myristate	5787-00-8	Brucine Sulfate
1847-58-1	Sodium Lauryl Sulfoacetate	3380-34-5	Triclosan	5793-94-2	Calcium Stearoyl Lactylate
		3398-33-2	Sodium Undecylenate	5850-39-5	Acid Green 20
1921-70-6	Pristane				
1934-21-0	Acid Yellow 23	3441-14-3	Direct Red 23	5858-81-1	D & C Red No. 6
1934-21-0	FD & C Yellow No. 5	3468-63-1	D & C Orange No. 17	5858-81-1	Pigment Red 57
1937-37-7	Direct Black 38	3468-63-1	Pigment Orange 5	5938-38-5	Sorbitan Oleate
1948-33-0	t-Butyl Hydroquinone	3486-35-9	Zinc Carbonate	5959-89-7	Sorbitan Laurate
		3536-49-0	Acid Blue 3		
1984-06-1	Sodium Caprylate				
2050-08-0	Amyl Salicylate	3564-09-8	HC Red No. 6	6155-57-3	Sodium Saccharin
2090-05-3	Calcium Benzoate	3567-66-6	Acid Red 33	6219-67-6	4-Methoxy-m-Phenylene-diamine Sulfate
2092-56-0	D & C Red No. 8			6272-74-8	Lapyrium Chloride
2092-56-0	Pigment Red 53			6309-51-9	Isoamyl Laurate

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
6358-69-6	D & C Green No. 8	7664-38-2	Phosphoric Acid	10043-35-3	Boric Acid
6358-69-6	Solvent Green 7	7664-41-7	Ammonia	10099-58-8	Lanthanum Chloride
6359-82-6	Acid Yellow 11	7664-93-9	Sulfuric Acid		
6360-54-9	Direct Brown 154	7681-11-0	Potassium Iodide	10101-15-2	Potassium Borate
6369-59-1	Toluene-2,5-Diamine Sulfate	7681-38-1	Sodium Bisulfate	10101-39-0	Calcium Silicate
				10101-41-4	Calcium Sulfate
6371-55-7	D & C Red No. 39	7681-49-4	Sodium Fluoride	10101-66-3	Manganese Violet
6371-67-1	D & C Red No. 13	7681-55-2	Sodium Iodate	10102-17-7	Sodium Thiosulfate
6371-67-1	Pigment Red 49:3	7681-82-5	Sodium Iodide		
6371-76-2	D & C Red No. 31	7695-91-2	Tocopheryl Acetate		
6371-76-2	Pigment Red 64:1	7697-37-2	Nitric Acid	10117-38-1	Potassium Sulfite
				10124-56-8	Sodium Hexametaphosphate
6371-82-0	Acid Red 95	7699-43-6	Zirconyl Chloride	10192-30-0	Ammonium Bisulfite
6371-82-0	D & C Orange No. 11	7704-34-9	Sulfur	10196-04-6	Ammonium Sulfite
6371-84-2	Acid Orange 24	7722-76-1	Ammonium Phosphate		
6373-07-5	D & C Red No. 37	7722-84-1	Hydrogen Peroxide		
		7722-88-5	Tetrasodium Pyrophosphate	10233-13-3	Isopropyl Laurate
6373-07-5	Solvent Red 49:1	7727-21-1	Potassium Persulfate	10248-74-5	TEA-Stearate
6373-74-6	Acid Orange 3	7727-37-9	Nitrogen	10279-57-9	Hydrated Silica
6381-91-5	Calcium Saccharin	7727-43-7	Barium Sulfate	10294-26-5	Silver Sulfate
6417-83-0	D & C Red No. 34	7727-54-0	Ammonium Persulfate		
6417-83-0	Pigment Red 63:1				
		7727-73-3	Sodium Sulfate	10359-84-9	Direct Yellow 12
6485-40-1	Carvone (L)	7732-18-5	Water	10377-95-4	TEA-Salicylate
6486-54-0	Direct Black 131	7757-83-7	Sodium Sulfite	10401-67-9	Ext. D & C Green No. 1
6535-46-2	Pigment Red 112	7757-87-1	Trimagnesium Phosphate	10410-67-9	Acid Green 1
6637-88-3	Direct Orange 6	7757-93-9	Dicalcium Phosphate		
6805-41-0	Escin				
6834-92-0	Sodium Metasilicate	7758-01-2	Potassium Bromate	10448-39-2	Zinc Formaldehyde Sulfoxylate
		7758-11-4	Dipotassium Phosphate		
		7758-16-9	Disodium Pyrophosphate	10595-72-9	Tridecyl Thiodipropionate
6843-97-6	Lauryl Diethylenediaminoglycine	7758-23-8	Calcium Phosphate	11006-34-1	Chlorophyllin-Copper Complex
		7758-29-4	Pentasodium Triphosphate		Saponins
6938-94-9	Diisopropyl Adipate			11006-75-0	
7078-67-3	Lauralkonium Chloride	7758-87-4	Tricalcium Phosphate		
7091-57-8	Oxyquinoline Benzoate	7758-98-7	Cupric Sulfate	11099-03-9	Solvent Black 5
7173-51-5	Quaternium-12	7761-88-8	Silver Nitrate	12001-26-2	Mica
		7772-99-8	Stannous Chloride	12027-06-4	Ammonium Iodide
		7775-14-6	Sodium Hydrosulfite	12027-67-7	Ammonium Molybdate
7235-40-7	Carotene				
7244-14-6	Acid Red 18	7775-27-1	Sodium Persulfate		
7320-34-5	Tetrapotassium Pyrophosphate	7778-77-0	Potassium Phosphate		
		7778-80-5	Potassium Sulfate	12041-82-6	Undecylenamide MEA
7381-01-3	Sodium Lauroyl Isethionate	7782-42-5	Graphite	12068-03-0	Sodium Toluene Sulfonate
		7782-85-6	Disodium Phosphate	12125-02-9	Ammonium Chloride
				12182-82-0	Chromium Hydroxide Green
7429-90-5	Aluminum Powder				
7440-22-4	Silver	7783-20-2	Ammonium Sulfate		
7440-44-0	Carbon	7783-28-0	Diammonium Phosphate		
7440-50-8	Bronze Powder	7783-47-3	Stannous Fluoride	12218-94-9	Acid Black 58
		7784-13-6	Aluminum Chloride	12218-96-1	Acid Black 107
7440-50-8	Copper Powder	7784-26-1	Ammonium Alum	12219-01-1	Acid Black 131
7446-09-5	Sulfur Dioxide			12219-24-8	Acid Blue 168
7446-20-0	Zinc Sulfate				
7446-70-0	Aluminum Chloride Anhydrous	7784-28-3	Sodium Alum		
		7787-24-9	Potassium Alum	12219-54-1	Acid Brown 45
		7787-59-9	Bismuth Oxichloride	12220-07-4	Acid Orange 86
7447-40-7	Potassium Chloride	7789-38-0	Sodium Bromate	12220-10-9	Acid Orange 116
7447-41-8	Lithium Chloride	7789-77-7	Dicalcium Phosphate Dihydrate	12220-57-4	Acid Violet 99
7491-02-3	Diisopropyl Sebacate				
7491-14-7	PPG-2 Salicylate	7790-76-3	Calcium Pyrophosphate	12227-60-0	FD & C Yellow No. 6
7545-23-5	Myristamide DEA	8005-03-6	Acid Black 2		Aluminum Lake
		8005-44-5	Cetaryl Alcohol	12227-69-9	FD & C Yellow No. 5
7558-80-7	Sodium Phosphate	8008-53-5	Ethiodized Oil		Aluminum Lake
7601-54-9	Trisodium Phosphate	8024-32-6	Avocado Oil	12227-78-0	FD & C Red No. 3
7631-86-9	Diatomaceous Earth				Aluminum Lake
7631-90-5	Sodium Bisulfite	9003-59-2	Sodium Polystyrene Sulfonate	12227-85-9	FD & C Blue No. 2
7631-97-2	Sodium Monofluorophosphate				Aluminum Lake
		9011-05-6	Urea-Formaldehyde Resin		
7632-00-0	Sodium Nitrite	10024-97-2	Nitrous Oxide		
7632-04-4	Sodium Perborate	10034-99-8	Magnesium Sulfate	12234-73-0	Acid Brown 19
7646-85-7	Zinc Chloride	10035-04-8	Calcium Chloride	12234-99-0	Acid Red 131
7647-01-0	Hydrochloric Acid			12238-95-8	Acid Brown 30
7647-14-5	Sodium Chloride	10039-54-0	Hydroxylamine Sulfate	12238-96-9	Acid Brown 44
		10042-67-8	TIPA-Stearate		
		10043-01-3	Aluminum Sulfate		

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
12238-97-0	Acid Brown 46	27883-12-1	Linoleamide DEA	977007-70-7	Sodium Carrageenan
12239-03-1	Acid Orange 88	29806-75-5	Octyl Myristate	977007-72-9	Capsicum
12263-40-0	Bismuth Subgallate	30364-51-3	Sodium Myristoyl Sarcosinate	977009-12-3	PEG-40 Stearate
12269-81-7	Acid Blue 209	31566-31-1	Glyceryl Stearate	977009-16-7	Valerian
12269-95-3	Acid Orange 89	31955-67-6	TEA-Lauroyl Glutamate	977009-22-5	Juniper Extract
13192-12-6	Disodium Monoauryl Sulfosuccinate	32073-22-6	Sodium Cumene Sulfonate	977009-34-9	Lemon Juice Powder
13397-25-6	Chalk	33907-46-9	Glycol Hydroxystearate	977009-58-7	Xanthan Gum
13429-07-7	PPG-2 Methyl Ether	33907-47-0	Propylene Glycol Hydroxystearate	977009-67-8	Egg
13463-41-7	Zinc Pyrithione	34395-72-7	Lauryl Aminopropylglycine	977009-97-4	Pine Tar Oil
13463-67-7	Titanium Dioxide	37279-54-2	Direct Violet 48	977020-16-8	Cotton
13682-92-3	Aluminum Glycinate	37307-56-5	Acid Blue 9 Ammonium Salt	977020-29-3	Acerola
14007-07-9	Chlorhexidine Digluconate	37307-56-5	D & C Blue No. 4	977020-44-2	Berberis
14807-96-6	Talc	977000-07-9	Potato Starch	977020-71-5	Rose Water
14974-53-9	Glyceryl Thioglycolate	977000-08-0	Rice Starch	977021-07-0	Stramonium Extract
15086-94-9	D & C Red No. 21	977000-13-7	Mineral Oil (NF)	977021-10-5	Rice Bran Oil
15087-24-8	3-Benzylidene Camphor	977000-27-3	Arnica	977021-14-9	Blue Cohosh
15534-95-9	Dimethylol Ethylene Thiourea	977000-66-0	Cinnamon	977021-39-8	Wheat Germ
15578-26-4	Stannous Pyrophosphate	977000-69-3	Black Cohosh	977021-46-7	Hydrolyzed Milk Protein
15922-78-8	Sodium Pyrithione	977000-73-9	Colocynth Extract	977021-58-1	SD Alcohol 1
16545-54-3	Dimyristyl Thiodipropionate	977000-87-5	Dandelion Root	977021-59-2	SD Alcohol 3-A
17048-39-4	Digalloyl Trioleate	977000-93-3	Drosera	977021-61-6	SD Alcohol 3-B
17407-37-3	Tocopheryl Succinate	977000-95-5	Nonfat Dry Milk	977021-62-7	SD Alcohol 12-A
17661-50-6	Myristyl Stearate	977001-00-5	Slippery Elm Bark	977021-64-9	SD Alcohol 23-A
20338-08-3	Titanium Hydroxide	977001-04-9	Euphrasia	977021-65-0	SD Alcohol 23-F
21245-01-2	Amyl Dimethyl PABA	977001-13-0	Fennel	977021-66-1	SD Alcohol 23-H
21245-02-3	Octyl Dimethyl PABA	977001-33-4	Gentian	977021-67-2	SD Alcohol 27-B
21645-51-2	Aluminum Hydroxide	977001-47-0	Grindelia	977021-68-3	SD Alcohol 30
21860-85-5	Ethyl Aspartate	977001-56-1	Mistletoe	977021-69-4	SD Alcohol 31-A
22047-49-0	Octyl Stearate	977001-57-2	Lard	977021-70-7	SD Alcohol 36
22707-25-1	Morpholine Stearate	977001-58-3	Hops	977021-71-8	SD Alcohol 37
22788-19-8	Propylene Glycol Dilaurate	977001-61-8	Hydrogenated Cottonseed Oil	977021-72-9	SD Alcohol 38-B
22882-95-7	Isopropyl Linoleate	977001-93-6	Calendula	977021-73-0	SD Alcohol 38-C
23386-52-9	Dicyclohexyl Sodium Sulfosuccinate	977002-27-9	Quillaja	977021-74-1	SD Alcohol 38-D
25013-16-5	BHA	977002-47-3	Sambucus	977021-75-2	SD Alcohol 38-F
25086-62-8	Sodium Polymethacrylate	977002-48-4	Sanguinaria	977021-76-3	SD Alcohol 39
25155-18-4	Methylbenzethonium Chloride	977002-56-4	Shark Liver Oil	977021-77-4	SD Alcohol 39-A
25155-30-0	Sodium Dodecylbenzenesulfonate	977002-59-7	Soy	977021-78-5	SD Alcohol 39-B
25956-17-6	FD & C Red No. 40	977002-60-0	Soy Flour	977021-79-6	SD Alcohol 39-C
26256-79-1	Sodium Lauriminodipropionate	977002-65-5	Stillingia	977021-80-9	SD Alcohol 39-D
26264-05-1	Isopropylamine Dodecylbenzenesulfonate	977002-72-4	Tallow	977021-81-0	SD Alcohol 40
26266-57-9	Sorbitan Palmitate	977002-89-3	Viburnum	977021-82-1	SD Alcohol 40-A
26266-58-0	Sorbitan Trioleate	977002-92-8	Wild Indigo	977021-83-2	SD Alcohol 40-B
26266-77-3	Dihydroabietyl Alcohol	977002-98-4	Witch Hazel	977021-84-3	SD Alcohol 40-C
26402-31-3	Propylene Glycol Ricinoleate	977004-06-0	Vanilla	977022-31-3	Hectorite
26446-37-7	Disodium Monostearyl Sulfosuccinate	977004-12-8	Corn Syrup	977023-12-3	Stoneroot
26545-53-9	DEA-Dodecylbenzenesulfonate	977004-31-1	Licorice	977023-50-9	Cocamide DEA
26658-19-5	Sorbitan Tristearate	977004-65-1	Nonoxynol-9	977023-60-1	Cinchona Extract
26720-21-8	Dicetyl Adipate	977004-81-1	Acetic Acid	977023-61-2	Aloe Extract
27176-87-0	Dodecylbenzene Sulfonic Acid	977005-80-3	Arachidonic Acid	977023-63-4	Krameria Extract
27177-77-1	Potassium Dodecylbenzenesulfonate	977006-46-4	Apricot Kernel Oil	977023-83-8	Pineapple Juice
27194-74-7	Propylene Glycol Laurate	977006-65-7	Cellulose	977023-88-3	Podophyllum Extract
27323-41-7	TEA-Dodecylbenzenesulfonate	977006-91-9	Tocopherol	977024-70-6	Coltsfoot Extract
		977006-95-3	Nonoxynol-4	977024-76-2	Oat Flour
		977006-96-4	Nonoxynol-30	977024-97-7	Fennel Extract
		977006-97-5	Nonoxynol-15	977025-25-4	Calendula Extract
		977007-23-0	Carbomer-934P	977025-26-5	Hydrogenated Vegetable Oil
		977007-24-1	Laureth-9	977050-02-4	Acrylamide/Sodium Acrylate Copolymer
		977007-39-8	PEG-4	977050-19-3	Potassium Carrageenan
		977007-40-1	PEG-6	977050-29-5	Carvone (D)
		977007-41-2	PEG-8	977050-45-5	Citral
		977007-42-3	PEG-32	977050-51-3	Corn Starch
		977007-43-4	PEG-75		

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977051-10-7	Dipentene	977054-35-5	D & C Red No. 9 Zirconium Lake	977054-96-8	PEG-14M
977051-75-4	PEG-8 Dioleate	977054-36-6	D & C Red No. 7 Calcium Lake	977054-97-9	PEG-90M
977051-78-7	Pentapotassium Triphosphate	977054-36-6	D & C Red No. 7 Zirconium Lake	977054-98-0	PEG-8 Castor Oil
977051-82-3	Quince Seed	977054-37-7	D & C Red No. 27 Aluminum Lake	977054-99-1	PEG-36 Castor Oil
977051-89-0	Rue Oil	977054-37-7	D & C Red No. 27 Barium Lake	977055-00-7	PEG-40 Castor Oil
977052-01-9	Sesame Seed	977054-37-7	D & C Red No. 27 Zirconium Lake	977055-01-8	PEG-8 Cocoate
977052-02-0	Silica	977054-37-7	D & C Red No. 27 Zirconium Lake	977055-02-9	PEG-4 Dilaurate
977052-06-4	Sodium Erythorbate	977054-37-7	D & C Red No. 27 Zirconium Lake	977055-03-0	PEG-6 Dilaurate
977052-09-7	Sodium Metaphosphate	977054-37-7	D & C Red No. 27 Zirconium Lake	977055-04-1	PEG-8 Dilaurate
977052-12-2	Sodium Stearoyl Lactylate	977054-38-8	D & C Red No. 8 Sodium Lake	977055-05-2	PEG-150 Dilaurate
977052-14-4	Calcium Carrageenan	977054-39-9	D & C Red No. 21 Aluminum Lake	977055-06-3	PEG-6 Dioleate
977052-23-0	p-Methylaminophenol	977054-39-9	D & C Red No. 21 Zirconium Lake	977055-07-4	PEG-12 Distearate
977052-26-8	Wheat Starch	977054-39-9	D & C Red No. 21 Zirconium Lake	977055-08-5	PEG-20 Distearate
977052-35-9	Threonine (DL)	977054-40-2	Acetylated Lanolin	977055-09-6	PEG-32 Distearate
977052-50-8	Wild Cherry	977054-42-4	Ultramarine Violet	977055-10-9	PEG-75 Distearate
977052-56-4	Yucca	977054-43-5	Octoxynol-1	977055-11-0	PEG-150 Distearate
977052-84-8	Microcrystalline Wax	977054-44-6	Octoxynol-5	977055-12-1	PEG-8 Ditriricinoleate
977052-86-0	Zirconium Silicate	977054-46-8	Egg Powder	977055-13-2	PEG-20 Glyceryl Stearate
977052-88-2	Dihydroabietyl Methacrylate	977054-47-9	Poloxamer 184	977055-14-3	PEG-25 Hydrogenated Castor Oil
977052-90-6	Almond Meal	977054-49-1	Octyl Palmitate	977055-15-4	PEG-40 Hydrogenated Castor Oil
977052-92-8	Aluminum Caprylate	977054-58-2	Ceteareth-3	977055-16-5	PEG-5 Hydrogenated Lanolin
977052-93-9	Aluminum Tristearate	977054-59-3	Ceteareth-4	977055-17-6	PEG-20 Hydrogenated Lanolin
977052-96-2	Ammonium Laureth Sulfate	977054-60-6	Ceteareth-5	977055-18-7	PEG-24 Hydrogenated Lanolin
977052-97-3	Decyl Oleate	977054-61-7	Ceteareth-6	977055-19-8	PEG-30 Hydrogenated Lanolin
977052-98-4	Diisocetyl Adipate	977054-62-8	Ceteareth-8	977055-20-1	PEG-75 Lanolin Oil
977053-13-6	MDM Hydantoin	977054-63-9	Ceteareth-10	977055-21-2	PEG-85 Lanolin
977053-25-0	Cetyl Lactate	977054-64-0	Ceteareth-12	977055-22-3	PEG-4 Laurate
977053-26-1	Lauryl Lactate	977054-65-1	Ceteareth-15	977055-23-4	PEG-8 Laurate
977053-29-4	PEG-8 Distearate	977054-66-2	Ceteareth-20	977055-24-5	PEG-12 Laurate
977053-32-9	PEG-6 Stearate	977054-67-3	Ceteth-2	977055-25-6	PEG-6 Oleate
977053-36-3	DEA-Lauryl Sulfate	977054-68-4	Ceteth-4	977055-26-7	PEG-8 Oleate
977053-38-5	Iron Oxides	977054-69-5	Ceteth-6	977055-27-8	PEG-12 Oleate
977053-41-0	Steareth-20	977054-70-8	Ceteth-10	977055-28-9	PEG-6 Palmitate
977053-61-4	PEG-12	977054-71-9	Ceteth-30	977055-29-0	PEG-25 Propylene Glycol Stearate
977053-62-5	PEG-20	977054-72-0	Glycereth-26	977055-30-3	PEG-8 Sesquilaurate
977053-63-6	PEG-6-32	977054-73-1	Laneth-5	977055-31-4	PEG-8 Sorbitan Beeswax
977053-64-7	PEG-150	977054-74-2	Laneth-9 Acetate	977055-32-5	PEG-20 Sorbitan Beeswax
977053-87-4	Wheat Flour	977054-75-3	Laneth-10	977055-33-6	PEG-20 Sorbitan Isostearate
977053-93-2	Polysorbate 81	977054-76-4	Laneth-10 Acetate	977055-34-7	PEG-20 Sorbitan Lanolate
977053-94-3	Polysorbate 61	977054-77-5	Laneth-15	977055-35-8	PEG-10 Sorbitan Laurate
977053-95-4	Polysorbate 21	977054-78-6	Laneth-16	977055-36-9	PEG-5 Soyamine
977053-96-5	Glyceryl Stearate SE	977054-79-7	Laneth-20	977055-37-0	PEG-4 Stearate
977054-05-9	FD & C Blue No. 1 Aluminum Lake	977054-80-0	Laneth-25	977055-38-1	PEG-6-32 Stearate
977054-06-0	Ginseng	977054-81-1	Laneth-40	977055-39-2	PEG-8 Stearate
977054-11-7	Corn Flour	977054-82-2	Laureth-1	977055-40-5	PEG-12 Stearate
977054-30-0	Mink Oil	977054-83-3	Laureth-4	977055-41-6	PEG-20 Stearate
977054-31-1	D & C Orange No. 5 Aluminum Lake	977054-84-4	Laureth-12	977055-42-7	PEG-30 Stearate
977054-31-1	D & C Orange No. 5 Zirconium Lake	977054-85-5	Laureth-23	977055-43-8	PEG-32 Stearate
977054-32-2	D & C Orange No. 17 Lake	977054-86-6	Myreth-3	977055-45-0	PEG-50 Stearate
977054-33-3	D & C Red No. 19 Aluminum Lake	977054-87-7	Myreth-3 Caprate	977055-46-1	PEG-75 Stearate
977054-33-3	D & C Red No. 19 Barium Lake	977054-88-8	Myreth-3 Myristate	977055-47-2	PEG-100 Stearate
977054-33-3	D & C Red No. 19 Zirconium Lake	977054-89-9	Myreth-4	977055-48-3	PEG-150 Stearate
977054-34-4	D & C Red No. 3 Aluminum Lake	977054-90-2	Pareth-15-9	977055-49-4	PEG-8 Tallate
977054-35-5	D & C Red No. 9 Barium Lake	977054-91-3	Pareth-25-7	977055-50-7	PEG-16 Tallate
977054-35-5	D & C Red No. 9 Barium/ Strontium Lake	977054-92-4	Pareth-25-12	977055-51-8	PPG-9
		977054-93-5	PEG-350	977055-52-9	PPG-26
		977054-94-6	PEG-5M	977055-53-0	PPG-30
		977054-95-7	PEG-7M	977055-54-1	PPG-2-Buteth-3
				977055-55-2	PPG-7-Buteth-10

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977055-56-3	PPG-12-Buteth-16	977056-17-9	Butyl Ester of Ethylene/ Maleic Anhydride Copolymer	977056-76-0	Ethylene/Maleic Anhydride Copolymer
977055-57-4	PPG-15-Buteth-20			977056-77-1	Ethyl Ester of PVM/MA Copolymer
977055-58-5	PPG-20-Buteth-30	977056-18-0	Butyl Ester of PVM/MA Copolymer	977056-78-2	Glucose Glutamate
977055-59-6	PPG-28-Buteth-35				
977055-60-9	PPG-33-Buteth-45				
977055-61-0	PPG-14 Butyl Ether	977056-19-1	Camellia Oil	977056-79-3	Glyceryl Cocoate
977055-62-1	PPG-16 Butyl Ether	977056-21-5	Capramide DEA	977056-80-6	Glyceryl Dilaurate
977055-63-2	PPG-18 Butyl Ether	977056-22-6	Carbomer-941	977056-81-7	Glyceryl Erucate
977055-64-3	PPG-33 Butyl Ether	977056-23-7	Carbomer-960	977056-82-8	Glyceryl Linoleate
977055-65-4	PPG-40 Butyl Ether	977056-24-8	Carbomer-961	977056-83-9	Glyceryl Myristate
977055-66-5	PPG-10 Cetyl Ether	977056-25-9	Cetamine Oxide	977056-84-0	Glyceryl Sesquioleate
977055-67-6	PPG-30 Cetyl Ether	977056-26-0	Cetrimonium Tosylate	977056-85-1	Guanidine Carbonate
977055-68-7	PPG-27 Glyceryl Ether	977056-27-1	Cetyl Arachidate	977056-86-2	Hexyl Laurate
977055-69-8	PPG-55 Glyceryl Ether	977056-29-3	C15-18 Glycol	977056-87-3	Hydrogenated Coconut Oil
977055-70-1	PPG-30 Isocetyl Ether	977056-30-6	Cobalt Naphthenate	977056-89-5	Hydrogenated Lanolin Alcohol
977055-71-2	PPG-30 Lanolin Ether	977056-31-7	Cocamide	977056-90-8	Hydrogenated Palm Kernel Oil
977055-72-3	PPG-9 Laurate	977056-32-8	Cocamidopropyl Betaine		
977055-73-4	PPG-4 Myristyl Ether	977056-33-9	Cocamine	977056-91-9	Hydrogenated Tallow Acid
977055-74-5	PPG-26 Oleate	977056-34-0	Cocamine Oxide	977056-92-0	Hydrogenated Tallow Glycerides
977055-75-6	PPG-36 Oleate	977056-35-1	Cocaminopropionic Acid		
977055-76-7	PPG-10 Oleyl Ether	977056-36-2	Coco-Betaine	977056-96-4	Isocetyl Isodecanoate
977055-77-8	PPG-30 Oleyl Ether	977056-37-3	Coconut Alcohol	977056-97-5	Isocetyl Stearate
977055-78-9	PPG-50 Oleyl Ether	977056-38-4	Cocoyl Sarcosine	977056-98-6	Isodecyl Hydroxystearate
977055-79-0	Steareth-2	977056-39-5	Corn Acid	977056-99-7	Isodecyl Isononanoate
977055-80-3	Steareth-10	977056-40-8	Corn Cob Meal	977057-00-3	Isodecyl Myristate
977055-81-4	Steareth-30	977056-42-0	DEA-Linoleate	977057-01-4	Isodecyl Oleate
977055-82-5	Talloweth-6	977056-43-1	Decyl Succinate	977057-02-5	Isodecyl Palmitate
977055-83-6	Acetylated Hydrogenated Cottonseed Glyceride	977056-48-6	Dibutylene Tetrafurfural	977057-03-6	Isohexyl Laurate
977055-84-7	Acetylated Hydrogenated Vegetable Glyceride	977056-49-7	Diethanolamine Bisulfate	977057-04-7	Isohexyl Palmitate
		977056-50-0	Stearamidoethyl Diethyl- amine	977057-05-8	Isononyl Isononanoate
977055-85-8	Acetylated Lanolin Ricinoleate	977056-51-1	Diheptyl Sodium Sulfo- succinate	977057-06-9	Isopropanolamine Nitrite
977055-86-9	Adipic Acid Dihydrazide	977056-52-2	Dihydroxyethyl Cocamine Oxide	977057-07-0	Isopropyl Isostearate
977055-87-0	Allantoin Acetyl Methionine	977056-53-3	Dihydroxyethyl Stearamine Oxide	977057-08-1	Isopropyl Oleate
977055-88-1	Allantoin Calcium Pantothenate			977057-09-2	Isostearamide DEA
				977057-10-5	Isotridecyl Isononanoate
977055-89-2	Allantoin Galacturonic Acid	977056-56-6	3-Dimethylaminopropyl- amine	977057-11-6	Lanolin Acid
977055-90-5	Aluminum Lanolate			977057-12-7	Lanolinamide DEA
977055-91-6	Aluminum Methionate	977056-57-7	Oleamidopropyl Dimethyl- amine	977057-13-8	Lanolin Linoleate
977055-92-7	2-Amino-6-Chloro-4- Nitrophenol	977056-58-8	Stearamidopropyl Dimethyl- amine	977057-14-9	Lanolin Ricinoleate
				977057-15-0	Lanolin Wax
977055-96-1	Ammonium Monooleamido- sulfosuccinate	977056-59-9	Dimethyl Cocamine	977057-16-1	Lauramide MEA
977055-97-2	Ammonium Xylene Sulfonate	977056-61-3	Dimethyl Palmitamine	977057-17-2	Lauramine Oxide
977055-98-3	Amphoteric-1	977056-62-4	Dimethyl Tallow Amine	977057-18-3	Lauraminopropionic Acid
977055-99-4	Amphoteric-2	977056-63-5	Dimethyl-o-Toluidine	977057-19-4	Lauryl Betaine
		977056-65-7	Disodium Monococamido- sulfosuccinate	977057-20-7	Lemon Juice
977056-00-0	Amphoteric-3			977057-21-8	Linseed Acid
977056-01-1	Amphoteric-5	977056-66-8	Disodium Monolauramido- sulfosuccinate	977057-22-9	Magnesium Myristate
977056-02-2	Amphoteric-6	977056-68-0	Disodium Monomyristamido- sulfosuccinate	977057-24-1	Methyl Hexyl Ether
977056-03-3	Amphoteric-8			977057-25-2	Methylpropylcellulose
977056-04-4	Amphoteric-10	977056-69-1	Disodium Monooleamido- sulfosuccinate	977057-26-3	MIPA-Dodecylbenzene- sulfonate
977056-05-5	Amphoteric-11			977057-28-5	Myristamide MEA
977056-06-6	Amphoteric-12			977057-29-6	Myristamine Oxide
977056-07-7	Amphoteric-13	977056-70-4	DMDM Hydantoin	977057-30-9	Nonoxynol-2
977056-08-8	Amphoteric-14	977056-71-5	DMHF	977057-31-0	Nonoxynol-5
977056-09-9	Amphoteric-15	977056-72-6	DM Hydantoin		
		977056-73-7	2-Dodecyl Tetradecanol	977057-32-1	Nonoxynol-6
977056-10-2	Amylopectin	977056-74-8	Ethanolamine Dithiodigly- colate	977057-33-2	Nonoxynol-7
977056-11-3	Ascorbyl Stearate			977057-34-3	Nonoxynol-8
977056-13-5	Benzophenone-5			977057-35-4	Nonoxynol-10
977056-16-8	N,N-Bis(2-Hydroxyethyl)- p-Phenylenediamine Sulfate			977057-36-5	Nonoxynol-20
				977057-37-6	Nonoxynol-40
				977057-38-7	Nonoxynol-50

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977057-40-1	Oatmeal	977058-07-3	Pyridoxine Dioctenoate	977058-75-5	D & C Yellow No. 5
977057-41-2	Ocotea Cymbarum Oil	977058-08-4	Pyridoxine Dipalmitate		Zirconium Lake
977057-42-3	Octoxynol-3	977058-09-5	Rye Flour	977058-76-6	Ext. D & C Yellow No. 7
977057-43-4	Octoxynol-13	977058-10-8	Safflower Glyceride		Aluminum Lake
977057-45-6	Octyl Hydroxystearate	977058-11-9	SD Alcohol 46	977058-77-7	D & C Yellow No. 10
977057-46-7	Oleamide MIPA				Aluminum Lake
977057-47-8	Oleamine	977058-12-0	Sisal	977058-78-8	Acid Yellow 114
977057-48-9	Oleamine Oxide	977058-13-1	Sodium Aluminum Lactate	977058-79-9	Acid Brown 48
977057-49-0	Oleth-2	977058-14-2	Sodium Carbonate Peroxide	977058-80-2	D & C Red No. 10
977057-50-3	Oleth-3	977058-15-3	Sodium Cetearyl Sulfate		Aluminum Lake
977057-51-4	Oleth-5	977058-16-4	Sodium Cocoyl Sarcosinate	977058-80-2	D & C Red No. 10
977057-52-5	Oleth-10				Sodium Lake
977057-53-6	Oleth-20	977058-17-5	Sodium Dihydroxyethyl-glycinate	977058-81-3	D & C Red No. 12
977057-54-7	Oleth-25	977058-18-6	Sodium Lauraminopropionate		Barium Lake
977057-55-8	Oleth-50	977058-20-0	Sodium Nonoxynol-1 Sulfate	977058-82-4	D & C Red No. 13
977057-56-9	Oleyl Betaine	977058-21-1	Sodium Nonoxynol-9 Phosphate		Strontium Lake
977057-57-0	Palmitamine			977058-83-5	D & C Red No. 30 Lake
977057-58-1	Pecan Shell Powder	977058-22-2	Sodium PCA	977058-84-6	D & C Red No. 36 Lake
977057-59-2	Petroleum Distillate	977058-24-4	Sodium Stannate	977058-85-7	D & C Red No. 34
977057-60-5	Phenoxyisopropanol	977058-25-5	Sodium Tallow Sulfate		Calcium Lake
977057-62-7	Poloxamer 101	977058-26-6	Sorbeth-20	977058-86-8	D & C Red No. 6
977057-63-8	Poloxamer 105				Aluminum Lake
977057-65-0	Poloxamer 122	977058-27-7	Soya Acid	977058-86-8	D & C Red No. 6
977057-66-1	Poloxamer 123	977058-29-9	Stearamide DEA		Barium Lake
977057-67-2	Poloxamer 124	977058-30-2	Stearamide DIBA-Stearate	977058-87-9	D & C Red No. 11
977057-68-3	Poloxamer 181	977058-31-3	Stearamide MEA-Stearate		Calcium Lake
977057-69-4	Poloxamer 182			977058-88-0	Acid Red 259
977057-70-7	Poloxamer 183	977058-32-4	Stearamide MIPA	977058-90-4	Acid Violet 73
977057-71-8	Poloxamer 185	977058-33-5	Stearamine Oxide		
977057-72-9	Poloxamer 212	977058-34-6	Stearic Hydrazide	977058-91-5	D & C Orange No. 4
977057-73-0	Poloxamer 215	977058-35-7	Stearyl Lactate		Aluminum Lake
977057-74-1	Poloxamer 217	977058-37-9	Tallow Acid	977058-97-1	Dimethyl Myristamine
977057-75-2	Poloxamer 231			977058-98-2	Tallow Amidopropylamine Oxide
977057-76-3	Poloxamer 234	977058-38-0	Tallow Amide		
977057-77-4	Poloxamer 235	977058-39-1	Tallow Amine Oxide	977059-00-9	Sodium Cocoyl Isethionate
977057-78-5	Poloxamer 237	977058-40-4	TEA-Cocotate	977059-04-3	Tall Oil Acid
977057-79-6	Poloxamer 238	977058-41-5	TEA-Lauraminopropionate	977059-05-4	PEG-75 Lanolin Wax
977057-80-9	Poloxamer 282	977058-42-6	TEA-Monooleamidossulfosuccinate	977059-09-8	Sodium Cocoate
977057-81-0	Poloxamer 284				
977057-82-1	Poloxamer 288	977058-43-7	TEA-PCA	977059-16-7	PEG-6 Distearate
977057-83-2	Poloxamer 331	977058-44-8	TEA-Tridecylbenzenesulfonate	977059-20-3	D & C Green No. 3
977057-84-3	Poloxamer 333	977058-45-9	Tetradecyl Octadecanol		Aluminum Lake
977057-85-4	Poloxamer 334	977058-46-0	Tricresyl Phosphate	977059-21-4	D & C Yellow No. 6
977057-86-5	Poloxamer 335				Aluminum Lake
977057-87-6	Poloxamer 338	977058-47-1	Tridecylbenzenesulfonic Acid	977059-22-5	D & C Blue No. 1
977057-88-7	Poloxamer 401	977058-48-2	Trideceth-3		Aluminum Lake
977057-89-8	Poloxamer 402	977058-49-3	Trideceth-6	977059-24-7	D & C Red No. 4
977057-90-1	Poloxamer 403	977058-50-6	Trideceth-10		Aluminum Lake
977057-91-2	Poloxamer 407	977058-51-7	Trideceth-12	977059-25-8	D & C Blue No. 2
977057-92-3	Polyacrylic Acid				Aluminum Lake
977057-93-4	Polyglyceryl-10 Decalinoate	977058-52-8	Trilane-4 Phosphate	977059-26-9	D & C Red No. 31
977057-94-5	Polyglyceryl-10 Decaoleate	977058-53-9	Trioleth-8 Phosphate		Calcium Lake
977057-95-6	Polyglyceryl-4 Oleate	977058-54-0	Trioleyl Phosphate	977059-28-1	PEG-30 Castor Oil
977057-96-7	Potassium Caseinate	977058-55-1	Ultramarine Pink	977059-29-2	Disodium Monolaneth-5 Sulfosuccinate
977057-97-8	Potassium Glycol Sulfate				
977057-99-0	Potassium Thioglycolate	977058-56-2	Ultramarine Red	977059-34-9	Sodium Myreth Sulfate
977058-00-6	Chlorofluorocarbon 11S	977058-59-5	Zinc Myristate	977059-35-0	Disodium Monococamide
977058-03-9	Propylene Glycol Dicoate	977058-61-9	Barley Flour		MEA-Sulfosuccinate
977058-04-0	Propylene Glycol Dipelargonate	977058-65-3	PEG-3 Oleate	977059-39-4	Cocotrimonium Chloride
977058-05-1	Propylene Glycol Myristate			977059-40-7	Allantoin Polygalacturonic Acid
977058-06-2	PVM/MA Copolymer	977058-71-1	Phenyl Dimethicone		
		977058-72-2	Dimethicone Copolyol	977059-47-4	Undecylenamide DEA
		977058-73-3	PEG-20 Lanolin	977059-74-7	Euphrasia Extract
		977058-74-4	Direct Yellow 81	977059-75-8	PEG-7 Betanaphthol
		977058-75-5	D & C Yellow No. 5 Aluminum Lake	977059-82-7	PEG-14

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977059-83-8	Caprylic/Capric Triglyceride	977061-47-4	PEG-6 Cocamide	977062-47-7	HC Yellow No. 4
977059-85-0	Isosteareth-10	977061-48-5	PEG-6 Lauramide	977062-48-8	HC Yellow No. 3
977059-86-1	PEG-10 Hydrogenated Lanolin	977061-49-6	PEG-3 Lauramide	977062-49-9	HC Red No. 3
977059-92-9	Isosteareth-3	977061-50-9	TEA-Coco-Hydrolyzed Animal Protein	977062-50-2	HC Red No. 1
977060-00-6	Polyglyceryl-10 Tetraoleate	977061-52-1	Pareth-25-3	977062-51-3	HC Blue No. 2
977060-03-9	Calendula Oil	977061-53-2	PPG-10 Lanolin Ether	977062-52-4	HC Blue No. 1
977060-04-0	Mixed Isopropanolamines	977061-54-3	PEG-50 Lanolin	977062-53-5	HC Yellow No. 2
977060-06-2	Apricot Extract	977061-55-4	Nonoxynol-14	977062-57-9	Trideceth-9
977060-07-3	PPG-50 Cetyl Ether	977061-59-8	DEA-Laureth Sulfate	977062-58-0	PEG-8 Tallow Amide
977060-08-4	PEG-60 Hydrogenated Castor Oil	977061-60-1	Laneth-75	977062-59-1	PEG-70 Lanolin
977060-09-5	PEG-4 Oleate	977061-61-2	PEG-2 Cocamine	977062-60-4	Hydrogenated Laneth-25
977060-11-9	Chamomile Extract	977061-64-5	PPG-24-Glycereth-24	977062-61-5	Nonoxynol-1
977060-16-4	Yarrow Extract	977061-66-7	PPG-5-Ceteth-20	977062-64-8	PPG-28 Cetyl Ether
977060-24-4	MIPA-Lauryl Sulfate	977061-68-9	PPG-5-Ceteth-10 Phosphate	977062-65-9	Hayflower Extract
977060-29-9	Sucrose Benzoate	977061-70-3	Trideceth-7 Carboxylic Acid	977062-68-2	Acid Blue 170
977060-34-6	Matricaria Extract	977061-76-9	Disodium EDTA-Copper	977062-69-3	Acid Brown 224
977060-38-0	Nettle Extract	977061-77-0	Quaternium-19	977062-70-6	Quaternium-18 Bentonite
977060-40-4	Horsetail Extract	977061-81-6	PEG-8 Propylene Glycol Cocoate	977062-71-7	PPG-12-PEG-50 Lanolin
977060-41-5	Cucumber Extract	977061-84-9	Ceteth-1	977062-72-8	Hydrogenated Shark Liver Oil
977060-48-2	Tallowamide MEA	977061-86-1	N-Phenyl-p-Phenylenediamine Sulfate	977062-74-0	Ammonium Vinyl Acetate/Acrylates Copolymer
977060-49-3	Sodium Tallowate	977061-90-7	Wood Tar	977062-75-1	Restharrow Extract
977060-55-1	Propylene Glycol Dicaprylate/Dicaprate	977061-91-8	PEG-10 Lanolate	977062-76-2	Althea Extract
977060-57-3	Linden Extract	977061-92-9	PEG-5 Lanolate	977062-80-8	Birch Sap
977060-62-0	D & C Orange No. 10	977061-94-1	Quaternium-9	977062-81-9	Birch Leaf Extract
977060-63-1	Disodium Monoricinoleamido MEA-Sulfosuccinate	977061-97-4	Myrtrimonium Bromide	977062-82-0	PPG-23 Oleyl Ether
977060-64-2	Disodium Monoundecylenamido MEA-Sulfosuccinate	977061-99-6	Quaternium-3	977062-86-4	Acid Violet 76
977060-65-3	Disodium Monooleamido MIPA-Sulfosuccinate	977062-00-2	Quaternium-26	977062-87-5	Mineral Oil (Tech)
977060-71-1	Vinylpyrrolidone/Styrene Copolymer	977062-01-3	Quaternium-20	977062-90-0	Acid Blue 188
977060-73-3	Cocaminobutyric Acid	977062-02-4	Laureth-2	977062-91-1	Acid Red 252
977060-74-4	Potassium Cocoate	977062-03-5	PEG-2M	977062-92-2	Acid Yellow 63
977060-75-5	Ammonium Nonoxynol-4 Sulfate	977062-04-6	Disodium Monolaureth Sulfosuccinate	977062-93-3	Acrylate/Acrylamide Copolymer
977060-93-7	Oleth-3 Phosphate	977062-07-9	Myristoyl Hydrolyzed Animal Protein	977062-94-4	Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Polymer
977060-94-8	DEA-Oleth-3 Phosphate	977062-08-0	Tallowtrimonium Chloride	977062-95-5	Acrylate/Ammonium Methacrylate Copolymer
977060-95-9	Oleth-10 Phosphate	977062-10-4	Quaternium-18 Hectorite	977062-96-6	Acrylic/Acrylate Copolymer
977060-96-0	PPG-10 Cetyl Ether Phosphate	977062-12-6	PEG-8 Tallow Amine	977062-97-7	Adipic Acid/Epoxypropyl Diethylenetriamine Copolymer
977060-97-1	DEA-Oleth-10 Phosphate	977062-14-8	Myristyl Propionate	977062-98-8	Aluminum Behenate
977060-99-3	Bladderwrack Extract	977062-17-1	Acid Black 139	977062-99-9	Aluminum Starch Octenylsuccinate
977061-00-9	PPG-5 Butyl Ether	977062-23-9	Quaternium-18	977063-00-5	Aminoethylacrylate Phosphate/Acrylate Copolymer
977061-02-1	PEG-120 Stearate	977062-25-7	Dimethyl Soyamine	977063-01-6	Ammonium Cocomonoglyceride Sulfate
977061-03-2	Cyclomethicone	977062-26-2	Vinyl Acetate/Crotonic Acid/Vinyl Neodecanoate Polymer	977063-02-7	Ammonium Laureth-7 Sulfate
977061-06-5	Sodium Cocomonoglyceride Sulfate	977062-28-4	Quaternium-22	977063-03-8	Ammonium Myreth Sulfate
977061-17-8	Nonoxynol-12	977062-29-5	Quaternium-6	977063-04-9	Styrene/Acrylate Copolymer
977061-23-6	PPG-15 Stearyl Ether	977062-31-9	C12-14 Isoparaffin	977063-05-0	Quaternium-23
977061-24-7	Nonyl Nonoxynol-10	977062-33-1	Cocamidopropyl Dimethylamine	977063-06-1	Quaternium-21
977061-25-8	Nonyl Nonoxynol-49	977062-34-2	Palmitamidopropyl Dimethylamine	977063-07-2	PEG-40-Sorbitan Peroleate
977061-28-1	Vinyl Acetate/Crotonic Acid Copolymer	977062-35-3	Myristamidopropyl Dimethylamine	977063-08-3	Choleth-10
977061-31-6	PEG-8 Sesquioleate	977062-36-4	Lauramidopropyl Dimethylamine	977063-09-4	Magnesium Cocoate
977061-32-7	Stearoxy Dimethicone	977062-37-5	Stearamidoethyl Ethanolamine	977063-10-7	Magnesium Tallowate
977061-34-9	Hexadecyl Methicone	977062-40-0	Polyglyceryl-4 Cocoate	977063-11-8	Stearyl Caprylate
977061-36-1	Quaternium-30	977062-41-1	Laureth-7	977063-12-9	Stearyl Heptanoate
977061-38-3	Isopropyl Cresols	977062-45-5	Styrene/Maleic Anhydride Copolymer	977063-14-1	Oleyl Oleate
977061-39-4	Oleostearine			977063-15-2	Cetyl Octanoate
977061-46-3	PEG-3 Cocamide				



Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977063-16-3	Stearyl Octanoate	977063-75-4	Chlorodeceth-14	977064-29-1	Dodoxynol-7
977063-17-4	PEG-2 Stearate SE	977063-76-5	Cocamidopropylamine Oxide	977064-30-4	Dodoxynol-9
977063-18-5	Behenamidopropyl Dimethylamine			977064-31-5	Dodoxynol-12
977063-21-0	PEG-10 Cocamine	977063-77-6	Cocamidopropyl Sultaine	977064-32-6	Dried Egg Yolk
977063-22-1	PEG-10 Oleate	977063-78-7	Coco-Sultaine	977064-33-7	Drosera Extract
977063-23-2	PEG-10 Soyamine	977063-79-8	Coco-Morpholine Oxide	977064-35-9	Ethyl Glutamate
977063-24-3	PEG-100 Castor Oil	977063-80-1	Cottonseed Acid	977064-36-0	Ethyl Serinate
977063-25-4	PEG-100 Hydrogenated Castor Oil	977063-81-2	Cream	977064-37-1	Ethyl Morrhuate
977063-26-5	PEG-100 Lanolin	977063-82-3	C12-13 Alcohols	977064-38-2	Ethyl Persate
977063-27-6	PEG-12 Dilaurate	977063-83-4	C12-15 Alcohols	977064-39-3	Myristyl Isostearate
977063-28-7	PEG-12 Ditallate	977063-84-5	Dimer Acid	977064-40-6	Magnesium Lanolate
977063-29-8	PEG-12 Isostearate	977063-85-6	Trimer Acid	977064-41-7	Glyceryl Isostearate
977063-30-1	PEG-120 Glyceryl Stearate	977063-86-7	Decyl Betaine	977064-42-8	Lauryl Sultaine
977063-31-2	PEG-120 Propylene Glycol Stearate	977063-87-8	Decyl Tetradecanol	977064-43-9	Pentaerythritol Rosinate
977063-32-3	PEG-14 Oleate	977063-88-9	Diethyl Aspartate	977064-44-0	Methyl Hydrogenated Rosinate
977063-33-4	PEG-15 Oleamine	977063-89-0	Diethyl Glutamate	977064-45-1	TEA-Oleoyl Sarcosinate
977063-34-5	PEG-15 Soyamine	977063-90-3	Diethylaminomethyl Coumarin	977064-46-2	Laureth-20
977063-35-6	PEG-15 Stearamine	977063-91-4	Disodium Monocetearyl Sulfosuccinate	977064-47-3	Laureth-3
977063-36-7	PEG-15 Tallow Amine	977063-92-5	Disodium Monomyristamido MEA-Sulfosuccinate	977064-48-4	Potassium Coco-Hydrolyzed Animal Protein
977063-37-8	PEG-150 Dioleate	977063-93-6	Pareth-13-5	977064-49-5	Potassium Undecylenoyl Hydrolyzed Animal Protein
977063-38-9	PEG-150 Laurate	977063-94-7	Pareth-13-7	977064-50-8	TEA-Palm Kernel Sarcosinate
977063-39-0	PEG-150 Oleate	977063-95-8	Pareth-15-12	977064-51-9	PPG-20 Lanolin Ether
977063-40-3	PEG-18 Palmitate	977063-96-9	Pareth-15-20	977064-52-0	Polyglyceryl-2 Oleyl Ether
977063-41-4	PEG-18 Stearate	977063-97-0	Pareth-15-3	977064-53-1	Polyglyceryl-4 Oleyl Ether
977063-42-5	PEG-2 Laurate SE	977063-98-1	Pareth-15-30	977064-54-2	Algae Extract
977063-43-6	PEG-2 Oleate SE	977063-99-2	Pareth-15-40	977064-55-3	Allantoin Ascorbate
977063-44-7	PEG-2 Soyamine	977064-00-8	Pareth-15-5	977064-56-4	Allantoin PABA
977063-45-8	PEG-2 Stearamine	977064-01-9	Pareth-15-7	977064-57-5	DEA-Methyl Myristate Sulfonate
977063-46-9	PEG-2 Tallow Amine	977064-02-0	Pareth-25-4	977064-58-6	Di-TEA-Palmitoyl Aspartate
977063-47-0	PEG-20 Dilaurate	977064-03-1	Pareth-45-10	977064-59-7	Diethyl Palmitoyl Aspartate
977063-48-1	PEG-20 Dioleate	977064-04-2	Ammonium Pareth-25 Sulfate	977064-60-0	Diisostearyl Adipate
977063-49-2	PEG-20 Laurate	977064-05-3	Butylated Urea-Formaldehyde Resin	977064-61-1	Ethyl Dihydroxypropyl PABA
977063-50-5	PEG-20 Oleate	977064-06-4	Caprylic/Capric/Stearic Triglyceride	977064-62-2	Ethyl Diisopropylcinnamate
977063-51-6	PEG-20 Tallate	977064-07-5	Capsicum Extract	977064-63-3	Ethylene/Acrylate Copolymer
977063-52-7	PEG-20 Tallow Amine	977064-08-6	Carrot Juice	977064-65-5	Eucalyptus Extract
977063-53-8	PEG-200	977064-09-7	Ceteth-16	977064-66-6	Everlasting Extract
977063-54-9	PEG-200 Castor Oil	977064-10-0	Coceth-8	977064-67-7	Fenugreek Extract
977063-55-0	PEG-200 Hydrogenated Castor Oil	977064-11-1	Cocoyl Sarcosinamide DEA	977064-68-8	PEG-7 Glyceryl Cocoate
977063-56-1	PEG-25 Castor Oil	977064-12-2	Comfrey Extract	977064-69-9	Glyceryl Dioleate
977063-57-2	PEG-3 Distearate	977064-13-3	Coneflower Extract	977064-70-2	Glyceryl Hydroxystearate
977063-58-3	Acetylated Hydrogenated Tallow Glyceride	977064-14-4	C10-13 Isoparaffin	977064-71-3	Glyceryl Oleate SE
977063-59-4	Acetylated Hydrogenated Tallow Glycerides	977064-15-5	C13-16 Isoparaffin	977064-72-4	Glyceryl Triacetyl Ricinoleate
977063-60-7	Acetylated Palm Kernel Glycerides	977064-16-6	C12-16 Alcohols	977064-73-5	Glycol Stearate SE
977063-61-8	Aluminum Chlorohydrate	977064-17-7	C12-15 Alcohols Lactate	977064-74-6	Grape Juice
977063-62-9	Amphoteric-7	977064-18-8	Decyl Mercapto-methylimidazole	977064-75-7	Isostearyl Palmitate
977063-63-0	Amphoteric-16	977064-19-9	Decylamine Oxide	977064-76-8	Honeydew Melon Juice
977063-64-1	Amphoteric-17	977064-20-2	Diacetin	977064-77-9	Horse Radish Extract
977063-65-2	Amphoteric-18	977064-21-3	Dicocamine	977064-78-0	Hybrid Safflower Oil
977063-66-3	Amphoteric-19	977064-22-4	Hydrogenated Ditalow Amine	977064-79-1	Hydrogenated Honey
977063-67-4	Amphoteric-4	977064-23-5	Dihydroxyethyl Tallow Amine Oxide	977064-80-4	Hydrogenated Laneth-20
977063-68-5	Behentrimonium Chloride	977064-24-6	Dimethyl Hydrogenated Tallow Amine	977064-81-5	Hydrogenated Laneth-5
977063-70-9	Ceteareth-17	977064-26-8	Disoyamine	977064-82-6	Hydrogenated Lard
977063-71-0	Ceteareth-27	977064-27-9	Dodoxynol-5	977064-83-7	Hydrogenated Menhaden Oil
977063-72-1	Ceteareth-30	977064-28-0	Dodoxynol-6	977064-84-8	Hydrogenated Tallow Amine
977063-73-2	Cetearyl Octanoate			977064-85-9	Hydrogenated Tallow Amine Oxide
977063-74-3	Cetyl Betaine			977064-86-0	Hydroxylated Lanolin

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977064-87-1	Hydroxyphenyl Glycinamide	977065-47-6	PEG-3 Sorbitan Oleate	977066-11-7	Steareth-7
977064-88-2	Hypericum Extract	977065-48-7	PEG-30 Glyceryl Laurate	977066-12-8	Strawberry Juice
977064-89-3	Isobutylated Lanolin Oil	977065-49-8	PEG-30 Glyceryl Oleate		
977064-90-6	Isobutylene/Maleic Anhydride Copolymer	977065-50-1	PEG-30 Glyceryl Stearate	977066-14-0	Benzyl Trimethyl Ammonium Hydrolyzed Animal Protein
977064-91-7	Isodeceth-5	977065-51-2	PEG-30 Lanolin	977066-16-2	Hydrogenated Polyisobutene
977064-92-8	Isodecyl Laurate	977065-52-3	PEG-30 Pentaerythritol Oleate	977066-17-3	Isocetyl Alcohol
977064-93-9	Isodecyl Neopentanoate	977065-53-4	PEG-32 Dilaurate	977066-18-4	Isocetyl Palmitate
977064-94-0	Isopropyl Ester of PVM/MA Copolymer	977065-54-5	PEG-32 Dioleate	977066-19-5	Isopropyl Sorbate
977064-95-1	Isopropyl Tallowate	977065-55-6	PEG-32 Laurate	977066-20-5	Octoxynol-40
977064-96-2	Isosteareth-2	977065-56-7	PEG-32 Oleate	977066-20-8	Isostearic Hydrolyzed Animal Protein
977064-97-3	Isosteareth-20	977065-57-8	PEG-4 Dioleate		
977064-99-5	Isostearyl Neopentanoate	977065-58-9	PEG-4 Distearate	977066-21-9	Sodium Oleyl Betaine
977065-00-1	Ivy Extract	977065-59-0	PEG-4 Tallate	977066-22-0	Meroxapol 105
977065-01-2	Laureth-10	977065-60-3	PEG-40 Soya Sterol	977066-23-1	Meroxapol 108
977065-02-3	Laureth-40	977065-61-4	PEG-40 Tallow Amine	977066-24-2	Meroxapol 171
		977065-62-5	PEG-40	977066-25-3	Meroxapol 172
977065-03-4	Laureth-6	977065-63-6	PEG-45 Stearate		
977065-04-5	Laureth-8 Phosphate	977065-64-7	PEG-5 Coccoate	977066-26-4	Meroxapol 174
977065-05-9	Mallow Extract	977065-65-8	PEG-5 Glyceryl Stearate	977066-27-5	Meroxapol 178
977065-06-7	MEA-Lauryl Sulfate	977065-66-9	PEG-5 Hydrogenated Castor Oil	977066-28-6	Meroxapol 251
977065-07-8	Methyl Gluceth-10			977066-29-7	Meroxapol 252
977065-08-9	Methyl Gluceth-20	977065-67-0	PEG-5 Oleamide	977066-30-0	Meroxapol 254
977065-09-0	Methyl Rosinate	977065-68-1	PEG-5 Oleamine		
977065-10-3	Nonoxynol-10 Phosphate	977065-69-2	PEG-5 Oleate	977066-31-1	Meroxapol 255
977065-11-4	Nonoxynol-100	977065-70-5	PEG-5 Soya Sterol	977066-32-2	Meroxapol 258
977065-12-5	Nonoxynol-11	977065-71-6	PEG-5 Stearamine	977066-33-3	Meroxapol 311
				977066-34-4	Meroxapol 312
977065-13-6	Nonoxynol-13	977065-72-7	PEG-5 Stearate	977066-35-5	Meroxapol 314
977065-14-7	Nonoxynol-18	977065-74-9	PEG-50 Stearamine		
977065-15-8	Nonoxynol-23	977065-75-0	PEG-6 Laurate	977066-36-6	Methyl Hydroxymethyl Oleyl Oxazoline
977065-17-0	Myristyl Neopentanoate	977065-76-1	PEG-6 Methyl Ether	977066-37-7	Minkamidopropyl Dimethylamine
977065-18-1	Nonyl Nonoxynol-5	977065-77-2	PEG-6-32 Dilaurate	977066-38-8	Mixed Isopropanolamines Lauryl Sulfate
977065-19-2	Nonyl Nonoxynol-9 Phosphate	977065-78-3	PEG-6-32 Dioleate		
977065-21-6	Oleth-15	977065-79-4	PEG-60 Castor Oil	977066-39-9	Monosaccharide Lactate Condensate
977065-22-7	Oleth-20 Phosphate	977065-80-7	PPG-40-PEG-60 Lanolin Oil	977066-42-4	Octyl Methoxycinnamate
977065-23-8	Oleth-23	977065-81-8	PEG-7 Stearate	977066-43-5	Olealkonium Chloride
977065-24-9	Oleth-4	977065-82-9	PEG-75 Dilaurate	977066-44-6	Oleamidopropyl Sultaine
977065-25-0	Oleth-4 Phosphate	977065-83-0	PEG-75 Dioleate	977066-45-7	Oleoyl Hydrolyzed Animal Protein
977065-26-1	Olive Extract	977065-84-1	PEG-75 Laurate	977066-46-8	Palmitamide DEA
977065-27-2	Ouricury Wax	977065-85-2	PEG-75 Oleate	977066-47-9	Palmitamine Oxide
977065-28-3	Palmitamidopropyl Diethylamine	977065-86-3	PEG-9 Castor Oil		
977065-29-4	Peach Juice	977065-87-4	PEG-9 Oleate	977066-48-0	Peanutamide MEA
977065-30-7	PEG-10 Dioleate	977065-88-5	PEG-90 Stearate	977066-49-1	Poloxamine 1101
977065-31-8	PEG-10 Soya Sterol	977065-91-0	Quaternium-24	977066-50-4	Poloxamine 1102
977065-32-9	PEG-10 Stearamine	977065-92-1	Quaternium-27	977066-51-5	Poloxamine 1104
977065-33-0	PEG-10 Stearate	977065-93-2	Quaternium-28		
977065-34-1	PEG-15 Coccoate	977065-94-3	Quaternium-29	977066-52-6	Poloxamine 1301
977065-35-2	PEG-15 Glyceryl Ricinoleate	977065-95-4	Quaternium-31	977066-53-7	Poloxamine 1304
977065-36-3	PEG-16 Hydrogenated Castor Oil	977065-96-5	Quaternium-32	977066-54-8	Poloxamine 1307
977065-37-4	PEG-16 Soya Sterol	977065-97-6	Quaternium-34	977066-55-9	Poloxamine 1501
977065-38-5	PEG-175 Distearate	977065-98-7	Quaternium-35		
977065-39-6	PEG-2 Oleamine	977066-00-4	Quaternium-36	977066-56-0	Poloxamine 1502
977065-40-9	PEG-2 Palmitamide	977066-01-5	Quaternium-39	977066-57-1	Poloxamine 1504
977065-41-0	PEG-20 Glyceryl Laurate	977066-02-6	Quaternium-4	977066-58-2	Poloxamine 1508
977065-42-1	PEG-20 Glyceryl Oleate	977066-03-7	Quaternium-40	977066-59-3	Poloxamine 304
			Quaternium-41	977066-60-6	Poloxamine 504
977065-43-2	PEG-20 Glyceryl Ricinoleate	977066-04-8	Quaternium-42	977066-61-7	Poloxamine 701
977065-44-3	PEG-20 Pentaerythritol Laurate	977066-05-9	Quaternium-43	977066-62-8	Poloxamine 702
977065-45-4	PEG-20M	977066-06-0	Quaternium-44	977066-63-9	Poloxamine 704
977065-46-5	PEG-25 Soya Sterol	977066-07-1	Quaternium-8	977066-64-0	Poloxamine 707
		977066-08-2	Soya Sterol	977066-65-1	Poloxamine 901
		977066-09-3	Sweet Marjoram Oil		
		977066-10-6	Steareth-4		

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977066-66-2	Poloxamine 904	977067-27-8	Pentaerythritol Tetrastearate	977068-14-6	Amphoteric-20
977066-67-3	Poloxamine 908	977067-28-9	Potassium Cornate	977068-15-7	C11-13 Isoparaffin
977066-68-4	Poloxamer 108	977067-29-0	Propylene Glycol Di-caprylate	977068-16-8	Diethylaminoethyl PEG-5 Laurate
977066-69-5	PEG-3 Tallow Aminopropylamine	977067-30-3	Propylene Glycol Diisononanoate	977068-17-9	Dimethiconol
977066-70-8	PEG-10 Tallow Aminopropylamine	977067-31-4	Propylene Glycol Isostearate	977068-19-1	Disodium Monococamido MIPA-Sulfosuccinate
977066-71-9	PEG-15 Tallow Aminopropylamine	977067-32-5	Propylene Glycol Soyate	977068-20-4	Disodium Monolauramido MEA-Sulfosuccinate
977066-72-0	PEG-2 Cocoyl Quaternium-4	977067-33-6	Propylene Glycol Stearate SE	977068-21-5	Hydroxyethyl Stearamide-MIPA
977066-73-1	PEG-2 Oleyl Quaternium-4	977067-34-7	PVP/Ethyl Methacrylate/Methacrylic Acid Polymer	977068-22-6	Laureth-5
977066-74-2	PEG-2 Stearyl Quaternium-4	977067-35-8	Ricinoleamide DEA	977068-23-7	Laureth-8
977066-75-3	PEG-15 Cocoyl Quaternium-4	977067-36-9	Sodium Trideceth-7 Carboxylate	977068-24-8	Linoleamide MIPA
977066-76-4	PEG-15 Oleyl Quaternium-4	977067-37-0	Sodium Capryl Lactylate	977068-25-9	PEG-35 Stearate
977066-77-5	PEG-15 Stearyl Quaternium-4	977067-38-1	Sodium Castorate	977068-26-0	PEG-36 Stearate
977066-78-6	PEG-5 Cocamine	977067-39-2	Sodium Cocoyl Glutamate	977068-27-1	PEG-12 Tallate
977066-79-7	PEG-6 Isopalmitate	977067-40-5	Sodium C12-15 Alcohols Sulfate	977068-28-2	PEG-4 Octanoate
977066-80-0	PEG-6 Isostearate	977067-41-6	Sodium C14-16 Olefin Sulfonate	977068-29-3	PEG-44 Sorbitan Laurate
977066-81-1	PEG-8 Ditallate	977067-42-7	Sodium C4-12 Olefin/Maleic Acid Copolymer	977068-30-6	PEG-9 Laurate
977066-82-2	PEG/PPG-125/30 Copolymer	977067-43-8	Sodium C14-16 Olefin/Maleic Acid Copolymer	977068-31-7	PEG-9 Stearate
977066-83-3	PEG/PPG-17/6 Copolymer	977067-44-9	Sodium Glycerol Oleate Phosphate	977068-32-8	Poloxamine 1302
977066-84-4	PEG/PPG-18/4 Copolymer	977067-45-0	Sodium Hydrogenated Tallow Glutamate	977068-33-9	Polyglyceryl-4 Isostearate
977066-85-5	PEG/PPG-23/50 Copolymer	977067-46-1	Sodium Laneth Sulfate	977068-34-0	PPG-20 Oleyl Ether
977066-86-6	PEG/PPG-35/9 Copolymer	977067-47-2	Sodium Laureth-4 Phosphate	977068-35-1	PPG-3 Myristyl Ether
977066-87-7	Pengawar Djambi Oil	977067-48-3	Sodium Laureth-7 Sulfate	977068-36-2	PPG-3-Isosteareth-9
977066-88-8	PPG-15 Butyl Ether	977067-49-4	Sodium Octoxynol-3 Sulfonate	977068-37-3	Quaternium-16
977066-89-9	PPG-22 Butyl Ether	977067-50-7	Sodium Lauroyl Glutamate	977068-38-4	Quaternium-37
977066-90-2	PPG-24 Butyl Ether	977067-51-8	Sodium Lauroyl Lactylate	977068-39-5	Quaternium-38
977066-91-3	PPG-53 Butyl Ether	977067-52-9	Sodium Oleth-7 Phosphate	977068-40-8	Quaternium-45
977066-92-4	PPG-9 Butyl Ether	977067-53-0	Sodium Polynaphthalene Sulfonate	977068-41-9	Quaternium-46
977066-93-5	PPG-5-Buteth-7	977067-55-2	Sodium Lauroyl Glutamate	977068-42-0	Quaternium-47
977066-94-6	PPG-9-Buteth-12	977067-56-3	Sodium Lauroyl Lactylate	977068-43-1	Quaternium-48
977066-95-7	PPG-24-Buteth-27	977067-57-4	Sodium Oleth-7 Phosphate	977068-44-2	Sodium Carboxymethyl Dextran
977066-96-8	PPG-3-Buteth-5	977067-58-5	Sodium Polynaphthalene Sulfonate	977068-45-3	Sodium Chondroitin Sulfate
977066-97-9	PPG-12	977067-59-6	Sorbital Sesquisteate	977068-46-4	Sodium Coco-Hydrolyzed Animal Protein
977066-98-0	PPG-15	977067-60-9	Sorbital Triisostearate	977068-47-5	TEA-Abietoyl Hydrolyzed Animal Protein
977066-98-4	Isostearyl Isostearate	977067-61-0	Sorbital Sesquisteate	977068-48-6	TEA-Undecylenoyl Hydrolyzed Animal Protein
977066-99-1	PPG-17	977067-62-1	Stearalkonium Hectorite	977068-49-7	TEA-Myristoyl Hydrolyzed Animal Protein
977067-00-7	PPG-20	977067-63-2	Stearyl Acetate	977068-50-0	TEA-Oleoyl Hydrolyzed Animal Protein
977067-01-8	PPG-10 Methyl Glucose Ether	977067-64-3	Stearyl Betaine	977068-51-1	Sodium Monodiethylamino-propyl Cocospartamide
977067-02-9	PPG-20 Methyl Glucose Ether	977067-66-5	Soyamine	977068-52-2	Sodium Magnesium Fluorosilicate
977067-03-0	PPG-3 Methyl Ether	977067-67-6	Synthetic Spermacti	977068-53-3	Sodium Methyl Naphthalene Sulfonate
977067-04-1	PPG-5 Lanolin Ether	977067-68-7	Trideceth-11	977068-54-4	Sodium Pareth-25 Sulfate
977067-05-2	PPG-37 Oleyl Ether	977067-69-8	Trideceth-15	977068-55-5	Sodium 2-Undecylbenzimidazole Sulfonate
977067-06-3	PPG-2 Lanolin Ether	977067-70-1	Trilaurin	977068-56-6	Soyatrimonium Chloride
977067-07-4	PPG-10 Glycerol Ether	977067-73-4	Nitrocellulose	977068-57-7	Starch Diethylaminoethyl Ether
977067-08-5	Polyglyceryl Sorbitol	977067-77-8	MEA-Laureth Sulfate	977068-58-8	Styrene/Acrylate/Ammonium Methacrylate Polymer
977067-09-6	Polyglyceryl-10 Decastearate	977067-81-4	Sodium C16-18 Olefin Sulfonate	977068-59-9	Sulfated Glyceryl Oleate
977067-10-9	Polyglyceryl-3 Diisostearate	977067-94-9	Hydroxybenzomorpholine	977068-60-2	Tall Oil Sterol
977067-11-0	Polyglyceryl-3 Oleate	977067-97-2	Phenyl Methyl Pyrazolone		
977067-12-1	Polyglyceryl-3 Stearate	977067-98-3	Glycerol Lanolate		
977067-13-2	Polyglyceryl-4 Lauryl Ether				
977067-14-3	Polyglyceryl-6 Dioleate				
977067-15-4	Polyglyceryl-6 Distearate				
977067-16-5	Polyglyceryl-2 Sesquioleate				
977067-17-6	Polyglyceryl-2 Tetrastearate				
977067-18-7	Polyamino Sugar Condensate				
977067-20-1	PPG-12-Laneth-50				
977067-21-2	PPG-10-Ceteareth-20				
977067-23-4	PPG-3-Myreth-11				
977067-24-5	PPG-4-Ceteareth-12				
977067-25-6	PPG-66-Glycereth-12				
977067-26-7	Pentaerythritol Tetraoctanoate				

Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name	Registry No.	CTFA Adopted Name
977068-61-3	TEA-Cocoyl Glutamate	977069-17-2	Dihydrocholeth-15	977069-55-8	PEI-45
977068-62-4	TEA-Cocoyl Sarcosinate	977069-18-3	Dihydrocholeth-30	977069-56-9	PEI-1000
977068-63-5	TEA-Hydrogenated Tallow Glutamate	977069-19-4	Disodium Monodeceth-6 Sulfosuccinate	977069-57-0	PEI-1500
977068-64-6	TEA-Laureth Sulfate	977069-20-7	Disodium Monoisodecyl Sulfosuccinate	977069-58-1	PEI-2500
977068-65-7	TEA-Lauroyl Lactylate	977069-21-8	Disodium Monononoxynol- 10 Sulfosuccinate	977069-59-2	Potassium Octoxynol- 12 Phosphate
977068-66-8	TEA-Oleyl Sulfate			977069-60-5	PPG-5 Lanolin Wax
977068-67-9	4-Methoxytoluene-2,5- Diamine HCl	977069-22-9	Disodium Monotallamido MEA-Sulfosuccinate	977069-61-6	PPG-3-Myreth-3
977068-68-0	Vinyl Acetate/Crotonates Polymer	977069-23-0	Glyceryl Trioctanoate	977069-62-7	PPG-11 Stearyl Ether
977068-69-1	Vinyl Acetate/Crotonic Acid/Methacryloxybenzo- phenone-1 Polymer	977069-24-1	HC Blue No. 5	977069-63-8	Quaternium-52
977068-70-4	Tallamide DEA	977069-25-2	HC Blue No. 4	977069-64-9	Quaternium-54
977068-71-5	Trimethylolpropane Trioctanoate	977069-26-3	Hydroxyethyl PEI-1500	977069-65-0	Ricinoleamide MIPA
977068-76-0	Pine Needle Extract	977069-27-4	Laureth-11	977069-66-1	Sodium Laureth-12 Sulfate
977068-78-2	HC Red No. 1	977069-28-5	Laureth-13	977069-67-2	Sodium Nonoxynol-4 Sulfate
977068-79-3	HC Yellow No. 5	977069-29-6	Laureth-15	977069-68-3	Sodium Soya Hydrolyzed Animal Protein
977068-83-9	Dandelion Extract	977069-30-9	Laureth-25	977069-69-4	Sodium Styrene/Acrylate/PEG- 10 Dimaleate Copolymer
977068-84-0	Rosemary Extract	977069-31-0	Laureth-30	977069-70-7	Sodium Styrene/Acrylates/ Divinylbenzene Copolymer
977068-91-9	Arachidyl Propionate	977069-32-1	Linoleamide MEA	977069-71-8	Sodium Styrene/PEG-10 Maleate/ Nonoxynol-10 Maleate/Acrylate Copolymer
977069-03-6	Acetyl Hexamethyl Tetralin Acid Orange 80	977069-33-2	Magnesium Laureth Sulfate	977069-72-9	Stearamidoethyl Diethylamine Phosphate
977069-04-7	Acrylates Copolymer	977069-34-3	Myristoyl Sarcosine	977069-73-0	Tallowamide DEA
977069-05-8	Ammonium Acrylates Copolymer	977069-35-4	Nonyl Nonoxynol-150	977069-74-1	TEA-C12-15 Alcohols Sulfate
977069-06-9	Ammonium C12-15 Alcohols Sulfate	977069-36-5	Octoxy Glyceryl Palmitate	977069-75-2	TEA-Lactate
977069-07-0	Ammonium Laureth-12 Sulfate	977069-37-6	Octyldodeceth-20	977069-76-3	Trimethylolpropane Triisostearate
977069-08-1	Ammonium Styrene/Acrylate Copolymer	977069-38-7	Oleamidopropyl Dimethyl- amine Glycolate	977069-77-4	Walnut Shell Powder
977069-09-2	Amodimethicone	977069-40-1	Orizanol	977069-78-5	Zinc Neodecanoate
977069-10-5	Caprylic/Capric/Lauric Triglyceride	977069-41-2	Palmamide DEA	977069-79-6	PEG-50 Tallow Amine
977069-11-6	Cetearyl Palmitate	977069-42-3	Palmamide MEA	977069-83-2	TEA-Abietoyl Hydrolyzed Animal Protein
977069-12-7	Ceteth-25	977069-43-4	Palmamide MIPA	977069-84-3	Zinc Hydrolyzed Animal Protein
977069-13-8	Coco-Hydrolyzed Animal Protein	977069-44-5	Palm Kernelamide DEA	977069-85-4	Ammonium Isostearate
977069-14-9	Cypress Extract	977069-45-6	Palm Kernelamide MEA	977069-89-8	HC Orange No. 1
977069-15-0	DEA-Styrene/Acrylates/ Divinylbenzene Copolymer	977069-46-7	Palm Kernelamide MIPA	977070-51-1	Clover Blossom Extract
		977069-47-8	PEG-30 Hydrogenated Castor Oil	977070-67-9	Hops Extract
		977069-48-9	PEG-40 Sorbitan Stearate	977071-04-7	Thyme Extract
		977069-49-0	PEG-15 Tallow Polyamine	977071-53-6	Wild Cherry Extract
		977069-50-3	PEG-66 Trihydroxystearin	977071-54-7	Sanguinaria Extract
		977069-51-4	PEG-200 Trihydroxystearin		
		977069-52-5	PEI-7		
		977069-53-6	PEI-15		
		977069-54-7	PEI-30		

# SECTION NINE

# CRMCS Numbers

TRADE NAME	CRMCS NUMBER
A 4575 Ultramarine Blue ( <i>Kohnstamm</i> )	0010168
A 6205 ( <i>Kohnstamm</i> )	0010259
A 6931 Chromium Hydroxide Green ( <i>Kohnstamm</i> )	0010166
A 8214 Cosmetic Iron Black ( <i>Kohnstamm</i> )	0010323
A 8534 Cosmetic Umber ( <i>Kohnstamm</i> )	0010322
A 8595 Chromium Oxide Green ( <i>Kohnstamm</i> )	0010167
A 9829 Ultramarine Blue ( <i>Kohnstamm</i> )	0010170
Acetol ( <i>Malmstrom</i> )	0012082
Acidlan 20 ( <i>Malmstrom</i> )	0010516
Acintol EPG ( <i>Arizona</i> )	0010438
Acytan ( <i>Croda</i> )	0011769
Adogen 432 CG ( <i>Ashland</i> )	0011625
Aethoxal ( <i>Henkel</i> )	0012027
Alipal CO-436 ( <i>GAF</i> )	0011801
Aliquat H226 ( <i>General Mills</i> )	0010673
Amidox C-2 ( <i>Stepan</i> )	0011699
Amidox C-5 ( <i>Stepan</i> )	0011700
Amidox L-2 ( <i>Stepan</i> )	0011701
Amidox L-5 ( <i>Stepan</i> )	0011702
Ammonyx CA Special ( <i>Onyx</i> )	0010277
Ammonyx CDO ( <i>Onyx</i> )	0010329
Ammonyx CO ( <i>Onyx</i> )	0010278
Ammonyx LO ( <i>Onyx</i> )	0010280
Ammonyx MCO ( <i>Onyx</i> )	0010282
Ammonyx MO ( <i>Onyx</i> )	0010279
Ammonyx SO ( <i>Onyx</i> )	0010281
Ammonyx TDO ( <i>Onyx</i> )	0010331
Ammonyx 4 ( <i>Onyx</i> )	0010330
Ammonyx 490 ( <i>Onyx</i> )	0010287
Ammonyx 4002 ( <i>Onyx</i> )	0010283
AMP ( <i>Commercial Solvents</i> )	0011376
AMPD ( <i>Commercial Solvents</i> )	0010135
Antaron FC-34 ( <i>GAF</i> )	0011802
Antifoam A ( <i>Dow Corning</i> )	0010134
Antifoam C ( <i>Dow Corning</i> )	0010132
Aqualizer EJ ( <i>Kolmar</i> )	0011404

TRADE NAME	CRMCS NUMBER
Arlacel 165 ( <i>ICI United States</i> )	0011609
Arlamol E ( <i>ICI United States</i> )	0011610
Arlatone G ( <i>ICI United States</i> )	0011612
Arlatone T ( <i>ICI United States</i> )	0011611
Atlas White Titanium Dioxide ( <i>Kohnstamm</i> )	0010551
Azulen Pure Crist 100% 2/912980 ( <i>Dragoco</i> )	0011965
B 3012 Lakolene ( <i>Kohnstamm</i> )	0010231
B 3014 Lakolene ( <i>Kohnstamm</i> )	0010227
B 3015 Lakolene ( <i>Kohnstamm</i> )	0010228
B 3016 Lakolene ( <i>Kohnstamm</i> )	0010230
B 3017 ( <i>Kohnstamm</i> )	0010258
B 3241 Cosmetic Umber ( <i>Kohnstamm</i> )	0011041
B 3279 Cosmetic Brown Y ( <i>Kohnstamm</i> )	0010324
B 3323 Lakolene Green #1 ( <i>Kohnstamm</i> )	0010263
B 3347 Hi-Dye Lakolene ( <i>Kohnstamm</i> )	0010230
B 3349 Hi-Dye Lakolene ( <i>Kohnstamm</i> )	0010231
B 3389 Cosmetic Umber ( <i>Kohnstamm</i> )	0010714
B 3397 Hi-Dye Lakolene ( <i>Kohnstamm</i> )	0010227
B 3398 Hi-Dye Lakolene ( <i>Kohnstamm</i> )	0010228
B 3619 Koleophilic FD & C Yellow #5 ( <i>Kohnstamm</i> )	0011079
B 3630 Koleophilic FD & C Green #3 ( <i>Kohnstamm</i> )	0011080
B 3632 Koleophilic FD & C Red #3 ( <i>Kohnstamm</i> )	0011081
Ben-A-Gel ( <i>NL Industries</i> )	0011064
Bentone Gel CAO ( <i>NL Industries</i> )	0011061
Bentone Gel IPM ( <i>NL Industries</i> )	0011060
Bentone Gel MIO ( <i>NL Industries</i> )	0011059
Bentone Gel M20 ( <i>NL Industries</i> )	0011062
Bentone LT ( <i>NL Industries</i> )	0011063
Bentone 27 ( <i>NL Industries</i> )	0011058
Bentone 34 ( <i>NL Industries</i> )	0011056
Bentone 38 ( <i>NL Industries</i> )	0011057
BE Square 175 White ( <i>Bareco</i> )	0010647
Betacide B ( <i>Beta</i> )	0012073
Betacide E ( <i>Beta</i> )	0012072

## Betacide M (Beta)

## Dehymuls E (Henkel)

TRADE NAME	CRMCS NUMBER	TRADE NAME	CRMCS NUMBER
Betacide M (Beta)	0012071	CF-1173 Silicone Fluid (General Electric)	0011546
Betacide P (Beta)	0012070	Cheelox BF-Acid (GAF)	0011803
Beta CL (Beta)	0012069	Cheelox BF-12 (GAF)	0011804
Beta DIA (Beta)	0012067	Cheelox BF-13 (GAF)	0011805
Betamid B 10 (Beta)	0012066	Cheelox BF-78 (GAF)	0011601
Betamid P 10 (Beta)	0012065	Cheelox HE-24 (GAF)	0011806
Betamid S 10 (Beta)	0012064	Chemical Base 6532 (Sandoz)	0010733
Beta MM (Beta)	0012068	Clearlan (Malmstrom)	0010514
Biju DNC (Mearl)	0011846	Clindrol SDG (Clintwood)	0010493
Bi-Lite Ultramarine Satin (Mallinckrodt)	0010978	Clindrol SEG (Clintwood)	0010489
Bi-Lite Ultra Pearl (Mallinckrodt)	0010979	Clindrol Superamide 100C (Clintwood)	0010482
Bi-Lite Ultra Press (Mallinckrodt)	0010979	Clindrol Superamide 100CG (Clintwood)	0010483
Bi-Lite 20 (Mallinckrodt)	0010979	Clindrol Superamide 100L (Clintwood)	0010486
Biopal VRO-20 (GAF)	0011229	Clindrol Superamide 100LM (Clintwood)	0010487
Bio Soft D-35X (Stepan)	0011703	Clindrol 100MC (Clintwood)	0010485
Bio Soft D-40 (Stepan)	0011704	Clindrol 101-LI (Clintwood)	0010492
Bio Soft D-60 (Stepan)	0011705	Clindrol 200CG (Clintwood)	0010483
Bio Soft D-62 (Stepan)	0011706	Clindrol 200CGN (Clintwood)	0011421
Bio Soft N-300 (Stepan)	0011708	Clindrol 200HC (Clintwood)	0010482
Bio Soft S-100 (Stepan)	0011709	Clindrol 200L (Clintwood)	0010486
Biosulphur Fluid CLR (Kurt Richter)	0011264	Clindrol 200MS (Clintwood)	0010490
Bio Terge AS-40 (Stepan)	0011053	Clindrol 200-O (Clintwood)	0010491
Bio Terge AS-90F (Stepan)	0011710	Clindrol 200RC (Clintwood)	0010482
Bronopol (Inolex)	0011860	Clindrol 200-S (Clintwood)	0010488
C 1624 Cosmetic Ochre (Kohnstamm)	0010327	Clindrol 202CGN (Clintwood)	0011421
C 1654 Cosmetic Brown R (Kohnstamm)	0010267	Clindrol 203CG (Clintwood)	0010483
C 1769 Cosmetic Iron Blue (Kohnstamm)	0010261	Clindrol 204CG (Clintwood)	0010483
Cabosil (Cabot)	0010343	Clindrol 868 (Clintwood)	0010488
Carbopol 934 (Goodrich)	0010222	Cloisonne (All Shades) (Mearl)	0010812
Carbopol 940 (Goodrich)	0010222	Cobee 92 (PVO)	0010968
Carbopol 941 (Goodrich)	0010222	Collasol (Croda)	0010583
Carbopol 960 (Goodrich)	0010221	Concentrated Multi Sterol Extract (Malmstrom)	0012079
Carbopol 961 (Goodrich)	0010221	Cosmetic Lanolin (Croda)	0010313
Carboset 514 (Goodrich)	0011772	Cosmowax (Croda)	0011770
Carboset 515 (Goodrich)	0011773	Cosmowax H (Croda)	0011771
Carboset 525 (Goodrich)	0011774	Covitol 100 S (General Mills)	0010653
Carbowax 200 (Union Carbide)	0011290	Croda Base PD-2 (Croda)	0011921
Carbowax 300 (Union Carbide)	0011291	Croda Base 2691 (Croda)	0011388
Carbowax 400 (Union Carbide)	0011292	Croda Base 2717 (Croda)	0011390
Carbowax 600 (Union Carbide)	0011293	Croda Base 2815 (Croda)	0011387
Carbowax 1000 (Union Carbide)	0011249	Croda Base 3619 (Croda)	0011389
Carbowax 1500 (Union Carbide)	0011474	Crodacid (Croda)	0010827
Carbowax 1540 (Union Carbide)	0011295	Crodacol A 10 (Croda)	0010824
Carbowax 4000 (Union Carbide)	0011296	Crodacol C (Croda)	0010826
Carbowax 6000 (Union Carbide)	0011297	Crodacol S (Croda)	0010825
Celite 545 (Johns-Manville)	0010947	Crodafos CAP (Croda)	0011438
Cellosize QP-09 (Union Carbide)	0010927	Crodafos N 3 Acid (Croda)	0010832
Cellosize QP-100M (Union Carbide)	0010926	Crodafos N 3 Neutral (Croda)	0010833
Cellosize QP-300 (Union Carbide)	0010920	Crodafos N 10 Acid (Croda)	0010834
Cellosize QP-4400 (Union Carbide)	0010922	Crodafos N 10 Neutral (Croda)	0010835
Cellosize QP-15000 (Union Carbide)	0010923	Crodafos SG (Croda)	0011439
Cellosize QP-30000 (Union Carbide)	0010924	Crodalan AWS (Croda)	0011833
Cellosize QP-52000 (Union Carbide)	0010921	Crodalan LA (Croda)	0011843
Century 1240 (Union Camp)	0011944	Crodalan 3 (Croda)	0011922
Cerasynt D (Van Dyk)	0011407	Croda Liquid Base (Croda)	0011386
Cerasynt IP (Van Dyk)	0011767	Crodamol DA (Croda)	0010822
Cerasynt Q (Van Dyk)	0011409	Crodamol IPM (Croda)	0010823
Cerasynt WM (Van Dyk)	0011415	Crodamol IPP (Croda)	0010821
Cerasynt 303 (Van Dyk)	0011411	Crodamol PC (Croda)	0010820
Cerasynt 945 (Van Dyk)	0011408	Crodyne BY-19 (Croda)	0010582
Cetina (Robeco)	0011416	Crotein ASC (Croda)	0011440
		Crotein IP (Croda)	0011441
		Crotein SPA (Croda)	0010579
		Crotein SPC (Croda)	0010580
		Crotein SPO (Croda)	0010581
		Darvan 7 (Vanderbilt)	0010255
		Dehymuls E (Henkel)	0011786

## Dehymuls K (Henkel)

## Igepon T-43 (GAF)

TRADE NAME	CRMCS NUMBER	TRADE NAME	CRMCS NUMBER
Dehymuls K (Henkel)	0011787	Extrapone Algen Super 2/032453 (Dragoco)	0012017
Delsette 101 (Hercules)	0010918	Extrapone Chamomile Spec 2/033021 (Dragoco)	0011969
Deriphath 151 (General Mills)	0010676	Extrapone Neo-H Special 2/032441 (Dragoco)	0011976
Deriphath 151C (General Mills)	0010677	Extrapone Phytostimulin 2/033181 (Dragoco)	0011981
Deriphath 160 (General Mills)	0010679	Extrapone Poly-H Special 2/032451 (Dragoco)	0011977
Deriphath 160C (General Mills)	0010680	Extrapone Rosemary 2/033251 (Dragoco)	0011975
Deriphath 170B (General Mills)	0010681	Flamenco CC (All Shades) (Mearl)	0010725
Deriphath 170C (General Mills)	0010682	Flamenco CQ (All Shades) (Mearl)	0010814
Dicrylan 325 WA 50 (Ciba-Geigy)	0011026	Flamenco MO (All Shades) (Mearl)	0010816
Diol 400 (Union Carbide)	0011887	Flamenco SEC (All Shades) (Mearl)	0010818
Distilled Skliro (Croda)	0010829	Flamenco 100 (All Shades) (Mearl)	0010724
Dow Corning Antifoam FG-10 Emulsion (Dow Corning)	0011992	Fluilan (Croda)	0010831
Dow Corning F-6-7085 Wax (Dow Corning)	0011489	Fluilanol (Croda)	0011937
Dow Corning F-157A Wax (Dow Corning)	0011823	Foamole G (Van Dyk)	0011410
Dow Corning F-218A Fluid (Dow Corning)	0011419	Fungicide DA 2/938070 (Dragoco)	0011043
Dow Corning F-13597 Fluid (Dow Corning)	0011420	Gafamide CDD-518 (GAF)	0011809
Dow Corning Med Antifoam AF Emul (Dow Corning)	0011938	Gafquat 734 (GAF)	0011256
Dow Corning Q-2-1053 Fluid (Dow Corning)	0011419	Gafquat 755 (GAF)	0011255
Dow Corning Q2-2523 Wax (Dow Corning)	0011823	Gantrez AN-119 (GAF)	0010533
Dow Corning 200 Fluid (Dow Corning)	0010133	Gantrez AN-139 (GAF)	0011232
Dow Corning 225 Fluid (Dow Corning)	0010425	Gantrez AN-149 (GAF)	0011233
Dow Corning 472 Fluid (Dow Corning)	0010422	Gantrez AN-169 (GAF)	0011234
Dow Corning 473 Fluid (Dow Corning)	0010421	Gantrez ES-225 (GAF)	0010531
Dow Corning 556 Fluid (Dow Corning)	0010424	Gantrez ES-425 (GAF)	0010532
Dow Corning 1107 Fluid (Dow Corning)	0010423	Gantrez ES-435 (GAF)	0010642
Drewmulse POE-SML (PVO)	0010969	Gantrez M-154 (GAF)	0011600
Drewmulse TP (PVO)	0010962	General 122 (Cosmetic Grade) (General Mills)	0010657
Drewmulse 1128 (PVO)	0010964	General 122 E 5 (General Mills)	0010658
Duponol WA Paste (DuPont)	0010819	General 122 E 10 (General Mills)	0010659
EMA-91 (Monsanto)	0010344	General 122 E 16 (General Mills)	0010660
Emcol CC-42 (Witco)	0010721	General 122 E 25 (General Mills)	0010661
Emcol E-607S (Witco)	0010722	General 425 (General Mills)	0010662
Emerest 2381 (Malmstrom)	0011615	Germall 115 (Sutton)	0010426
Emerest 2407 (Malmstrom)	0011614	Glossylan (Malmstrom)	0010514
Emerwax 1253 (Malmstrom)	0011791	Glykoldistearat 90 (Ogo)	0011913
Emery 9820 (Anhydrous Gelling Agent) (Malmstrom)	0011790	Hair Complex Aquosum (Kurt Richter)	0011263
Emulgade F (Henkel)	0012025	Hartolan (Croda)	0010828
Emulgade F Special (Henkel)	0012026	Hercules Mint Green (Kohnstamm)	0010173
Emulphogene BC-420 (GAF)	0011807	Hexaplant Richter (Kurt Richter)	0011261
Emulphogene BC-610 (GAF)	0011599	High Melting Point Lanolin (Malmstrom)	0012080
Emulphogene BC-720 (GAF)	0011808	Hydroxylol (Malmstrom)	0010523
Emulphor AM-310 (GAF)	0011237	Hygroplex HHG (Kurt Richter)	0011271
Emulphor AM-650 (GAF)	0010950	Hyonic PE 250 (Diamond Shamrock)	0012121
Emulphor EL-620 (GAF)	0010951	Hystrene 4516 (Humko Sheffield)	0010904
Emulphor EL-719 (GAF)	0011238	Hystrene 5016 (Humko Sheffield)	0010903
Emulphor ON-870 (GAF)	0011598	Hystrene 7016 (Humko Sheffield)	0010902
Emulsynt VL (Van Dyk)	0011414	Igepal CA-420 (GAF)	0011810
Emulsynt VS (Van Dyk)	0011414	Igepal CA-520 (GAF)	0011811
Emulsynt 900 (Van Dyk)	0011412	Igepal CA-630 (GAF)	0011239
Emulsynt 1055 (Van Dyk)	0011413	Igepal CA-720 (GAF)	0011812
Emulsynt 2400 (Van Dyk)	0011406	Igepal CO-210 (GAF)	0011246
Esterlan (Malmstrom)	0012083	Igepal CO-430 (GAF)	0011245
Ethoduomeen T/13 (Armak)	0011479	Igepal CO-520 (GAF)	0011813
Ethoxylan 50 (Malmstrom)	0010517	Igepal CO-530 (GAF)	0011244
Ethoxylan 100 (Malmstrom)	0010518	Igepal CO-610 (GAF)	0011243
Ethoxylol AC (Malmstrom)	0012084	Igepal CO-630 (GAF)	0010544
Ethoxylol-5 (Malmstrom)	0010519	Igepal CO-720 (GAF)	0011595
Ethoxylol-16 (Malmstrom)	0010520	Igepal CO-730 (GAF)	0011242
Ethoxylol-16R (Malmstrom)	0010520	Igepal CO-850 (GAF)	0011241
Ethoxylol-24 (Malmstrom)	0010521	Igepal CO-880 (GAF)	0011240
Ethoxylol-40 (Malmstrom)	0010522	Igepal CO-890 (GAF)	0011814
Extrapon Aquasol Alp Herbs 2/032562 (Dragoco)	0011984	Igepal CO-970 (GAF)	0011815
Extrapon Bio-tamin 2/032671 (Dragoco)	0011979	Igepal DM-530 (GAF)	0011596
		Igepal DM-880 (GAF)	0011597
		Igepon AC-78 (GAF)	0010543
		Igepon T-33 (GAF)	0011816
		Igepon T-43 (GAF)	0011817

## Igepon T-73 (GAF)

## Miranol 2MCAS Modified (Miranol)

TRADE NAME	CRMCS NUMBER	TRADE NAME	CRMCS NUMBER
Igepon T-73 (GAF)	0011228	Lanexol AWS (Croda)	0011257
Igepon T-77 (GAF)	0011819	Lanfrax (Malmstrom)	0010526
Igepon TC-42 (GAF)	0010542		
Industrene 5016 (Humko Sheffield)	0010908	Lanfrax Deodorized (Malmstrom)	0012086
Iso-Adipat 2/043700 (Dragoco)	0011966	Lanfrax WS55 (Malmstrom)	0010527
Iso-Lan (Inolex)	0011768	Lanoderm (Clintwood)	0010494
Iso-Myst (Inolex)	0010894	Lantrol (Malmstrom)	0010528
Isopropyl Lanolate Distilled (Malmstrom)	0012078	Lantrol AWS (Malmstrom)	0010529
Juniorlan (Malmstrom)	0012085		
K 6298 (Kohnstamm)	0010237	Lathanol LAL 70 Flake (Stepan)	0011711
K 7002 (Kohnstamm)	0010217	Lathanol LAL 70 Powder (Stepan)	0011711
K 7003 (Kohnstamm)	0010212	Lipal 15CSA (PVO)	0011466
K 7005 (Kohnstamm)	0010191	Lonzest 143 S (Lonza)	0011844
		Macaloid (NL Industries)	0011065
K 7006 (Kohnstamm)	0010248		
K 7007 (Kohnstamm)	0010195	Makon 4 (Stepan)	0011712
K 7008 (Kohnstamm)	0010194	Makon 6 (Stepan)	0011713
K 7009 (Kohnstamm)	0010213	Makon 8 (Stepan)	0011714
K 7014 (Kohnstamm)	0010183	Makon 10 (Stepan)	0011715
		Makon 12 (Stepan)	0011716
K 7015 (Kohnstamm)	0010187		
K 7016 (Kohnstamm)	0010188	Makon 14 (Stepan)	0011717
K 7024 (Kohnstamm)	0010178	Makon 20 (Stepan)	0011718
K 7028 (Kohnstamm)	0010185	Makon 30 (Stepan)	0011719
K 7029 (Kohnstamm)	0010197	Maprofix DLS-35 (Onyx)	0010336
		Maprofix ES (Onyx)	0010337
K 7034 (Kohnstamm)	0010193		
K 7040 (Kohnstamm)	0010238	Maprofix ESY (Onyx)	0010284
K 7043 (Kohnstamm)	0010247	Maprofix LK (Onyx)	0010289
K 7044 (Kohnstamm)	0010246	Maprofix MB (Onyx)	0010286
K 7053 (Kohnstamm)	0010254	Maprofix NH (Onyx)	0010335
		Maprofix TLS-65 (Onyx)	0010338
K 7054 (Kohnstamm)	0010196		
K 7057 (Kohnstamm)	0010184	Maprofix TLS-500 (Onyx)	0010340
K 7059 (Kohnstamm)	0010192	Maprofix TLS-513 (Onyx)	0010339
K 7060 (Kohnstamm)	0010256	Maprofix WA (Onyx)	0010291
		Marcol 72 (EXXON)	0010273
K 7061 (Kohnstamm)	0010252	Mearlite GBU (Mearl)	0010236
K 7062 (Kohnstamm)	0010215		
K 7064 (Kohnstamm)	0010186	Mearlite GEH (Mearl)	0010728
K 7066 (Kohnstamm)	0010249	Mearlite GEJ (Mearl)	0010885
K 7074 (Kohnstamm)	0010240	Mearlite GEM (Mearl)	0010886
		Mearlite GGH (Mearl)	0010887
K 7081 (Kohnstamm)	0010211	Mearlite GGO (Mearl)	0010888
K 7082 (Kohnstamm)	0010250		
K 7089 (Kohnstamm)	0010214	Mearlite LBU (Mearl)	0010236
K 7090 (Kohnstamm)	0010239	Mearlite LEH (Mearl)	0010728
K 7094 (Kohnstamm)	0010169	Mearlite LEJ (Mearl)	0010885
		Mearlite LEM (Mearl)	0010886
K 7096 (Kohnstamm)	0010216	Mearlite LGH (Mearl)	0010887
K 7104 (Kohnstamm)	0010180		
K 7117 (Kohnstamm)	0010210	Mearlite LGO (Mearl)	0010888
K 7121 (Kohnstamm)	0010244	Mearlite RBU (Mearl)	0010236
K 7122 (Kohnstamm)	0010234	Mearlite REH (Mearl)	0010728
		Mearlite REJ (Mearl)	0010885
K 7126 (Kohnstamm)	0010251	Mearlite REM (Mearl)	0010886
K 7133 (Kohnstamm)	0010189		
K 7136 (Kohnstamm)	0010716	Mearlite RGH (Mearl)	0010887
K 7156 (Kohnstamm)	0010235	Mearlite RGO (Mearl)	0010888
K 7157 (Kohnstamm)	0010177	Mearlmaid AA (Mearl)	0010909
		Mearlmaid AQ (Mearl)	0010909
K 7164 (Kohnstamm)	0010182	Mearlmaid BN (Mearl)	0011695
K 7170 (Kohnstamm)	0010233		
K 7177 (Kohnstamm)	0010253	Mearlmaid CP (Mearl)	0011696
K 7181 (Kohnstamm)	0010257	Mearlmaid FL (Mearl)	0010910
K 7183 (Kohnstamm)	0010245	Mearlmaid KN (Mearl)	0011695
		Mearlmaid PLN (Mearl)	0010911
K 7966 (Kohnstamm)	0010217	Mearlmaid PLO (Mearl)	0010912
Kelene 77 (Lowenstein)	0011436		
Kesscolin (Arma)	0012076	Mearlmaid RN (Mearl)	0011695
Lanacet (Malmstrom)	0010524	Mearlmaid TR (Mearl)	0010913
Lanacid (Malmstrom)	0010525	Miranol CS Conc (Miranol)	0010935
		Miranol C2M Conc (Miranol)	0010646
Lanasan CL (Sandoz)	0010243	Miranol C2M-SF Conc (Miranol)	0010936
Laneto 50 (R.I.T.A.)	0011764		
Laneto 100 (R.I.T.A.)	0011765	Miranol SHD Conc (Miranol)	0010645
		Miranol 2MCA Modified (Miranol)	0010644
		Miranol 2MCAS Modified (Miranol)	0011505



TRADE NAME	CRMCS NUMBER	TRADE NAME	CRMCS NUMBER
Miranol 2MCT Modified (Miranol)	0010690	Ogeen (Ogo)	0012103
Monamate CPA-40 (Mona)	0010916	Ogeenacid (Ogo)	0012107
Monamid CMA (Mona)	0010593	Ogeenacid Special (Ogo)	0012106
Monamid LIPA (Mona)	0010591	Ogeenacid X (Ogo)	0012108
Monamid LMA (Mona)	0010590	Ogeen GRB (Ogo)	0011914
Monamid LMMA (Mona)	0010592	Ogeen M (Ogo)	0011915
Monamid R31-42 (Mona)	0010607	Ogeen MAV (Ogo)	0011916
Monomid S (Mona)	0010589	Ogeen P (Ogo)	0012105
Monamid 15-70W (Mona)	0010610	Ogeen PGMS (Ogo)	0012034
Monamid 150-ADD (Mona)	0010602	Ogeen Special (Ogo)	0012104
Monamid 150-ADY (Mona)	0011396	Ogeen 515 (Ogo)	0011918
Monamid 150-CEWC (Mona)	0010595	Paygel P Wheat Starch (General Mills)	0010668
Monamid 150 CW (Mona)	0010608	Pearl-Glo (Mallinckrodt)	0010976
Monamid 150-IS (Mona)	0010609	Pearl-Glo CO (Mallinckrodt)	0010977
Monamid 150-LMW-C (Mona)	0010611	Pharmaceutical Lanolin (Croda)	0010313
Monamid 150-LW (Mona)	0010613	Placentaliquid Watersoluble (Kurt Richter)	0011892
Monamid 150-LWA (Mona)	0010612	Plurafac A-38 (BASF-Wyandotte)	0011437
Monamid 150-MW (Mona)	0010594	Pluronic F-98 (BASF-Wyandotte)	0012113
Monamid 716 (Mona)	0011392	Pluronic F-108 (BASF-Wyandotte)	0010431
Monamid 718 (Mona)	0010587	Pluronic F-127 (BASF-Wyandotte)	0012123
Monamid 759 (Mona)	0011393	Pluronic L-64 (BASF-Wyandotte)	0010732
Monamid 770 (Mona)	0011395	Pluronic L-92 (BASF-Wyandotte)	0012111
Monamid 815 (Mona)	0011394	Pluronic L-101 (BASF-Wyandotte)	0012114
Monamid 835 (Mona)	0010712	Pluronic L-121 (BASF-Wyandotte)	0012118
Monamine ACO-100 (Mona)	0010599	Pluronic L-122 (BASF-Wyandotte)	0012119
Monamine ADD-100 LE (Mona)	0010604	Pluronic P-94 (BASF-Wyandotte)	0012112
Monamine ALX-80SS (Mona)	0010310	Pluronic P-103 (BASF-Wyandotte)	0012115
Monamine ALX-100S (Mona)	0010311	Pluronic P-104 (BASF-Wyandotte)	0012116
Monamine LM-100 (Mona)	0010600	Pluronic P-105 (BASF-Wyandotte)	0012117
Monamine B-2011 (Mona)	0011548	Pluronic P-123 (BASF-Wyandotte)	0012120
Monamine 779 (Mona)	0010312	Polectron 430 (GAF)	0010536
Monateric CA-35 (Mona)	0011490	Poloxamer 184 (BASF-Wyandotte)	0010732
Monateric ISA-35 (Mona)	0010915	Polychol 5 (Croda)	0010836
Monateric 805 (Mona)	0011308	Polychol 10 (Croda)	0010837
Monawet MO-70RP (Mona)	0010605	Polychol 15 (Croda)	0010838
Monawet MO-84R2W (Mona)	0010606	Polychol 20 (Croda)	0010839
Monawet SNO-35 (Mona)	0010603	Polychol 40 (Croda)	0010840
Monopol Oil (GAF)	0011820	Polymer JR 30M (Union Carbide)	0011886
Nacconol 40F (Stepan)	0011720	Polymer JR 125 (Union Carbide)	0011884
Nacconol 90F (Stepan)	0011721	Polymer JR 400 (Union Carbide)	0011885
Nekal WT-27 (GAF)	0011821	Polyox WSR 301 (Union Carbide)	0011475
Neobee M-5 (PVO)	0010966	Powdertrol (Malmstrom)	0010513
Neobee O (PVO)	0010959	Procetyl AWS (Croda)	0011258
Neobee 18 (PVO)	0010965	Procetyl 10 (Croda)	0010938
Neo-Extrapone Camomile 2/060350 (Dragoco)	0012020	Procetyl 30 (Croda)	0011426
Neo-Extrapone Carrot 2/060380 (Dragoco)	0012021	Procetyl 50 (Croda)	0011427
Neo-Extrapone Hamamelis 2/060240 (Dragoco)	0012019	Prochol 10 (Croda)	0011839
Neo-Extrapone Lemon 2/060130 (Dragoco)	0012018	Prochol 30 (Croda)	0011840
Neo-Extrapone Lime Tree Flo 2/060410 (Dragoco)	0012022	Protegin X (Inolex)	0010297
Neo-Fat 16 (Armak)	0011069	Protolate WS (Malmstrom)	0012095
Nimcolan H Absorption Base (Malmstrom)	0012087	Provol 10 (Croda)	0011424
Nimcolan H-1 (Malmstrom)	0012088	Provol 30 (Croda)	0010937
Nimcolan LIN (Malmstrom)	0012089	Provol 50 (Croda)	0011425
Nimcolan P (Malmstrom)	0012090	Purcellin 2/066220 (Dragoco)	0012024
Nimcolan T (Malmstrom)	0012091	PVP K-30 (GAF)	0010537
Nimcolan 11 (Malmstrom)	0012092	PVP K-60 (GAF)	0011236
Nimco Wool Wax Alcohols (Malmstrom)	0010530	PVP K-90 (GAF)	0011235
Nimlesterol D (Malmstrom)	0012093	PVP/VA E-535 (GAF)	0010534
Nimlesterol H (Malmstrom)	0012094	PVP/VA E-635 (GAF)	0011230
Ninol AA-62 (Stepan)	0011725	PVP/VA E-735 (GAF)	0010535
Ninol AA-62 Extra (Stepan)	0011726	Questex 4SW (Stauffer)	0010723
Ninol 128 Extra (Stepan)	0011049	Quso G-30 (Philadelphia Quartz)	0010096
Ninol 201 (Stepan)	0011723	Quso G-32 (Philadelphia Quartz)	0010096
Ninol 2012 Extra (Stepan)	0011055	Rewocid DU 185 (Rewo)	0010629
Nodorlan (Malmstrom)	0010514	Rewocid SBU 50% (Rewo)	0010512
Novol (Croda)	0010315	Rewocid U 185 (Rewo)	0010630
N-Z-Amine AS (Humko Sheffield)	0010720		

TRADE NAME	CRMCS NUMBER
Rewoderm S 1333 (Rewo)	0010614
Rewolan 5 (Rewo)	0010616
Rewomid DC 212/S (Rewo)	0010633
Rewomid DL 203/S (Rewo)	0010624
Rewomid DL 240 (Rewo)	0010625
Rewomid DLMS (Rewo)	0010631
Rewomid DLMS Special (Rewo)	0010632
Rewopol NL 2 (Rewo)	0010618
Rewopol NLS 30 (Rewo)	0010626
Rewopol SBC 212 (Rewo)	0010617
Rewopol SBFA 30 (Rewo)	0010615
Rewopol TLS 40 (Rewo)	0010619
Rewopon AM-B 13 T (Rewo)	0010622
Rewopon AM-C (Rewo)	0010621
Rewopon AM-CA (Rewo)	0010620
Rewopon B 204 T (Rewo)	0010623
Rewoquat B 18 (Rewo)	0010627
Rewoquat B 41 (Rewo)	0010628
Ritachol (Rewo)	0011762
Ritalan (R.I.T.A.)	0011753
Robane (Robeco)	0011994
Robacol (Robeco)	0012033
Robeyl (Robeco)	0011996
Robuoy (Robeco)	0011993
Sanamid 29-B (Clintwood)	0011423
Sandopan DTC (Sandoz)	0010735
Sandopan DTC Acid (Sandoz)	0010734
Sandopan TFL Conc (Sandoz)	0010736
Santolite MHP (Monsanto)	0011480
Santolite MS-80% Solution (Monsanto)	0011481
Satexlan 10 (Croda)	0010940
Satexlan 20 (Croda)	0010941
Satulan (Croda)	0010939
Sedaplant Richter (Kurt Richter)	0011262
Sequestrene NA2 (Ciba-Geigy)	0010636
Shinju White CB (Mearl)	0010727
Shinju White DC (Mearl)	0010889
Shinju White MA (Mearl)	0010890
Shinju White 100A (Mearl)	0010726
Silicone Fluid SF-1066 (General Electric)	0010639
Silicone Fluid SF-1075 (General Electric)	0010731
Silicone L-522 (Union Carbide)	0011476
Sipon ES (Alcolac)	0010634
Sipon LT-6 (Alcolac)	0010635
Skliate 5 (Croda)	0011837
Skliate 10 (Croda)	0011838
Skliro (Croda)	0011836
SNP-19 (General Mills)	0011403
Sodium Omadine Powder (Olin)	0010137
Solan (Croda)	0010317
Solan 50 (Croda)	0010830
Sparklelan (Malmstrom)	0010514
Spermwax Amide (Robeco)	0011416
Standapol Concentrate F-3 (Henkel)	0010740
Standapol Concentrate 7023 (Henkel)	0010739
Standapol 7021 (Henkel)	0010738
Steol CA-460 (Stepan)	0011728
Steol CS-125 (Stepan)	0011729
Steol CS-460 (Stepan)	0011054
Steol 4N (Stepan)	0011727
Stepanate AM (Stepan)	0011733
Stepanate X (Stepan)	0011734
Stepan D-50 (Stepan)	0011730
Stepan D-70 (Stepan)	0011731
Stepanol AM (Stepan)	0011735
Stepanol DEA (Stepan)	0011737
Stepanol ME Dry (Stepan)	0011738
Stepanol MG (Stepan)	0011742

TRADE NAME	CRMCS NUMBER
Stepanol WA Paste (Stepan)	0011740
Stepanol WA Special (Stepan)	0011739
Stepanol WA-100 (Stepan)	0011741
Stepanol WAC (Stepan)	0011739
Stepanol WAQ (Stepan)	0011051
Stepanol WAT (Stepan)	0011052
Stepan P-621 (Stepan)	0011048
Stepan P-650 (Stepan)	0011055
Super Amide GR (Onyx)	0010332
Super Amide L9 (Onyx)	0010341
Super Amide L9A (Onyx)	0010334
Super Amide L9C (Onyx)	0010333
Supercol Guar Gum (All Grades) (General Mills)	0010666
Supercol Locust Bean Gum (All Grades) (General Mills)	0010667
Super Corona (Croda)	0010313
Super Hartolan (Croda)	0010314
Super Sat (R.I.T.A.)	0011756
Super Sat AWS 3 (R.I.T.A.)	0011757
Super Sat AWS 4 (R.I.T.A.)	0011758
Super Sat AWS 6 (R.I.T.A.)	0011759
Supraene (Robeco)	0011995
Tacky Lanolin (Malmstrom)	0012081
Tegacid Regular (Inolex)	0011861
Tegacid Special (Inolex)	0011862
Tegamine B-13 (Inolex)	0011952
Tegamine C-13 (Inolex)	0011876
Tegamine L-13 (Inolex)	0011877
Tegamine M-13 (Inolex)	0011878
Tegamine O-13 (Inolex)	0011879
Tegamine P-13 (Inolex)	0011880
Tegamine S-13 (Inolex)	0010298
Tegamine 22 (Inolex)	0011875
Tegester EGDS (Inolex)	0011950
Tegester PG 8-10 (Inolex)	0010893
Tegin (Inolex)	0010296
Tegin P (Inolex)	0011871
Tegin 55G (Inolex)	0011874
Tegin 503 (Inolex)	0011872
Tegin 515 (Inolex)	0011873
Tegin 530 (Inolex)	0010296
Tegobetaine C (Inolex)	0010292
Tegone A (Inolex)	0011616
Tegosept B (Inolex)	0011867
Tegosept E (Inolex)	0011868
Tegosept M (Inolex)	0011869
Tegosept P (Inolex)	0011870
Tegyl (Inolex)	0011881
Tergelan (Malmstrom)	0012096
Tergitol NP-14 (Union Carbide)	0010930
Tergitol NP-35 (Union Carbide)	0010932
Tergitol NPX (Union Carbide)	0010931
Tergitol TP-9 (Union Carbide)	0010929
Timica (All Shades) (Mearl)	0010811
Tris Amino (Commercial Solvents)	0011683
Trisolan (Malmstrom)	0012097
Trisolan LP (Malmstrom)	0012098
Triton X 400 (Rohm & Haas)	0010223
Ucon Fluid LB 65 (Union Carbide)	0011477
Ucon Fluid LB 1145 (Union Carbide)	0011288
Ucon Fluid LB 1715 (Union Carbide)	0011289
Ucon Fluid 50 HB 660 (Union Carbide)	0011286
Ucon Fluid 50 HB 5100 (Union Carbide)	0011287
Ucon Lubricant 50 HB 2000 (Union Carbide)	0011478
Ultra Sulfate AE-3 (Witco)	0011274
Ultrawet 40 SX (ARCO)	0010648

*Unimate* **BYS** (*Union Camp*)

**3506** *Cosmetic Ochre*  
*Non-Aniline* (*Kohnstamm*)

TRADE NAME	CRMCS NUMBER
Unimate <b>BYS</b> ( <i>Union Camp</i> )	0011939
Unimate <b>DBP</b> ( <i>Union Camp</i> )	0011999
Unimate <b>DIPS</b> ( <i>Union Camp</i> )	0011940
Unimate <b>IPM</b> ( <i>Union Camp</i> )	0011941
Unimate <b>IPP</b> ( <i>Union Camp</i> )	0011942
Unimate <b>IPS</b> ( <i>Union Camp</i> )	0012000
Unimate <b>600</b> ( <i>Union Camp</i> )	0012001
Unimate <b>601</b> ( <i>Union Camp</i> )	0012032
Unimate <b>605</b> ( <i>Union Camp</i> )	0011943
Uvinul <b>D-49</b> ( <i>GAF</i> )	0011249
Uvinul <b>D-50</b> ( <i>GAF</i> )	0011248
Uvinul <b>D-50</b> ( <i>GAF</i> )	0010540
Uvinul <b>DS-49</b> ( <i>GAF</i> )	0011252
Uvinul <b>M-40</b> ( <i>GAF</i> )	0011247
Uvinul <b>MS-40</b> ( <i>GAF</i> )	0010541
Uvinul <b>MS-40</b> ( <i>GAF</i> )	0011250
Uvinul <b>400</b> ( <i>GAF</i> )	0010643
Uvinul <b>490</b> ( <i>GAF</i> )	0010538
Veegum ( <i>Vanderbilt</i> )	0010045
Vegetable Oil <b>1400</b> ( <i>PVO</i> )	0010966
Velvalan ( <i>Malmstrom</i> )	0012099
Viscarin ( <i>Marine Colloids</i> )	0011400
Viscarin <b>402</b> ( <i>Marine Colloids</i> )	0011399
Vitaplant <b>CLR</b> Water Soluble ( <i>Kurt Richter</i> )	0011268
Volpo <b>3</b> ( <i>Croda</i> )	0010318
Volpo <b>5</b> ( <i>Croda</i> )	0010319
Volpo <b>10</b> ( <i>Croda</i> )	0010320
Volpo <b>20</b> ( <i>Croda</i> )	0010316
Wecobee <b>M</b> ( <i>PVO</i> )	0010967
Wecobee <b>S</b> ( <i>PVO</i> )	0010960
Wickenol <b>101</b> ( <i>Wickhen</i> )	0010058
Wickenol <b>105</b> ( <i>Wickhen</i> )	0010148
Wickenol <b>111</b> ( <i>Wickhen</i> )	0010147
Wickenol <b>116</b> ( <i>Wickhen</i> )	0010146
Wickenol <b>117</b> ( <i>Wickhen</i> )	0010145

TRADE NAME	CRMCS NUMBER
Wickenol <b>119</b> ( <i>Wickhen</i> )	0010144
Wickenol <b>121</b> ( <i>Wickhen</i> )	0010143
Wickenol <b>122</b> ( <i>Wickhen</i> )	0010142
Wickenol <b>127</b> ( <i>Wickhen</i> )	0010163
Wickenol <b>131</b> ( <i>Wickhen</i> )	0010162
Wickenol <b>136</b> ( <i>Wickhen</i> )	0010161
Wickenol <b>141</b> ( <i>Wickhen</i> )	0010160
Wickenol <b>143</b> ( <i>Wickhen</i> )	0011997
Wickenol <b>151</b> ( <i>Wickhen</i> )	0010139
Wickenol <b>152</b> ( <i>Wickhen</i> )	0010138
Wickenol <b>153</b> ( <i>Wickhen</i> )	0010152
Wickenol <b>155</b> ( <i>Wickhen</i> )	0010155
Wickenol <b>156</b> ( <i>Wickhen</i> )	0010153
Wickenol <b>158</b> ( <i>Wickhen</i> )	0010156
Wickenol <b>159</b> ( <i>Wickhen</i> )	0010157
Wickenol <b>161</b> ( <i>Wickhen</i> )	0010057
Wickenol <b>163</b> ( <i>Wickhen</i> )	0010059
Wickenol <b>171</b> ( <i>Wickhen</i> )	0010140
Wickenol <b>303</b> ( <i>Wickhen</i> )	0010056
Wickenol <b>321</b> ( <i>Wickhen</i> )	0010141
Wickenol <b>323</b> ( <i>Wickhen</i> )	0010151
Wickenol <b>324</b> ( <i>Wickhen</i> )	0010150
Wickenol <b>340</b> ( <i>Wickhen</i> )	0011998
Wickenol <b>363D</b> ( <i>Wickhen</i> )	0010149
Wickenol <b>707</b> ( <i>Wickhen</i> )	0010158
Wickhenol <b>717</b> ( <i>Wickhen</i> )	0010154
Wickenol <b>727</b> ( <i>Wickhen</i> )	0010059
WSP-A200 ( <i>Alco-Pro</i> ) ( <i>Inolex</i> )	0010427
WSP-A200 ( <i>Aqua-Pro</i> ) ( <i>Inolex</i> )	0010429
Zinc Omadine Powder ( <i>Olin</i> )	0010136
1667 <i>Cosmetic Ochre</i> ( <i>Kohnstamm</i> )	0010326
2673 <i>Raw Sienna</i> ( <i>Kohnstamm</i> )	0010309
2770 <i>Cosmetic Sun Tan</i> ( <i>Kohnstamm</i> )	0010268
3469 <i>Red Iron Oxide</i> ( <i>Kohnstamm</i> )	0010325
3506 <i>Cosmetic Ochre Non-Aniline</i> ( <i>Kohnstamm</i> )	0010172

