Cetostearyl Alcohol, NF MSDS
Dear Customer,

This File Contains Both The ANSI Material Safety Data Sheet and The GHS Safety Data Sheet For The Same Product

Spectrum is currently transitioning all chemical product labeling from the ANSI\(^1\) format to the GHS\(^2\) format (see note below). In order to ensure that you receive complete labeling during the transition, we have included both the ANSI MSDS and the GHS SDS in a single file. The ANSI MSDS is given first, followed by the GHS SDS. Please use whichever matches the container label.

**Why It Matters:**

The complete precautionary labeling for this chemical consists of BOTH the label on the container AND the matching Material Safety Data Sheet (for ANSI labels) or Safety Data Sheet (for GHS labels). Both elements of the labeling [Label + (M)SDS] are written to be read and understood together, so as to provide complete precautionary information. It is intended for you to read and understood BOTH before handling or using the chemical.

**Picking the Right One: 2 Easy Ways To Tell Whether Your Container Has an ANSI Label or a GHS Label**

1) GHS labels: any pictogram displayed in the upper left-hand corner will be inside a red diamond. ANSI labels: pictograms, if present, will be inside individual black boxes.

2) GHS labels: on the bottom of the right-hand panel of the label, locate the Lot Number. Directly to the left will be a string of control characters, followed by a single letter. For GHS labels, the string of characters will end in “GHS.”
Sincerely,

Regulatory Affairs

1. American National Standards Institute
2. Globally Harmonized System for Hazard Communication
# SAFETY DATA SHEET

**Preparation Date:** No data available  
**Revision Date:** 02/16/2015  
**Revision Number:** G1

## Product identifier

<table>
<thead>
<tr>
<th>Product code:</th>
<th>C1888</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>CETOSTEARYL ALCOHOL, NF</td>
</tr>
</tbody>
</table>

## Other means of identification

<table>
<thead>
<tr>
<th>Synonyms:</th>
<th>Cetearyl Alcohol; Cetylstearyl Alcohol; Mixture of stearyl and cetyl alcohols</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS #:</td>
<td>8005-44-5</td>
</tr>
<tr>
<td>RTECS #:</td>
<td>Not available</td>
</tr>
<tr>
<td>CI#:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

## Recommended use of the chemical and restrictions on use

<table>
<thead>
<tr>
<th>Recommended use:</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses advised against</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### Supplier:

Spectrum Chemicals and Laboratory Products, Inc.  
14422 South San Pedro St.  
Gardena, CA 90248  
(310) 516-8000  

**Order Online At:**  
[https://www.spectrumchemical.com](https://www.spectrumchemical.com)

### Emergency telephone number

Chemtrec 1-800-424-9300

**Contact Person:**  
Martin LaBenz (West Coast)  
Ibad Tirmiz (East Coast)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

Not classified

### Hazards not otherwise classified (HNOC)

Not Applicable

### Other hazards

Not available
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>8005-44-5</td>
<td>100</td>
<td>*</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures
General Advice: Poison information centers in each State capital city can provide additional assistance for scheduled poisons (13 1126)

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

Eye Contact: Flush eye with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed
Symptoms: Health injuries are not known or expected under normal use.

Indication of any immediate medical attention and special treatment needed
Notes to Physician: Treat symptomatically

Protection of first-aiders
First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste

5. FIRE-FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media: Dry chemical. Water spray mist or foam.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from the chemical
Hazardous Combustion Products: Carbon oxides
Specific hazards: May be combustible at high temperatures

Special Protective Actions for Firefighters
Specific Methods: No information available.
Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Product code: C1888
Product name: CETOSTEARYL ALCOHOL, NF
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Remove all sources of ignition.

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk.

Methods for cleaning up Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials.

Safe Handling Advice: Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe vapours/dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

<table>
<thead>
<tr>
<th>Components</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WHEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol - 8005-44-5</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Canada

<table>
<thead>
<tr>
<th>Components</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol - 8005-44-5</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Australia and Mexico

<table>
<thead>
<tr>
<th>Components</th>
<th>Australia</th>
<th>Mexico</th>
</tr>
</thead>
</table>

Product code: C1888

Product name: CETOSTEARYL

ALCOHOL, NF
Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Safety glasses. Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron. Long sleeved clothing. Gloves.

Respiratory protection: Effective dust mask. Wear respirator with dust filter.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>Taste</td>
</tr>
<tr>
<td>Odor</td>
<td>Flash point (°C)</td>
</tr>
<tr>
<td>Odor</td>
<td>Flash Point Tested according to: Closed cup</td>
</tr>
<tr>
<td>Autoignition Temperature (°C/°F)</td>
<td>The lowest known value is 254.0°C/489.2°F (Myristic alcohol)</td>
</tr>
<tr>
<td>Boiling point/range(°C/°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.82</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold (ppm)</td>
<td>No information available</td>
</tr>
<tr>
<td>Miscibility</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Easily soluble in diethyl ether</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in cold water</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in hot water</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partially soluble in methanol</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in Acetone</td>
</tr>
<tr>
<td>Solubility</td>
<td>Very slightly soluble in n-octanol</td>
</tr>
<tr>
<td>Molecular/Formula weight</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/range(°C/°F)</td>
<td>48.0°-55.0°C/118.4°-131.0°F</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
<tr>
<td>pD</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature(°C/°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure @ 20°C (kPa)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>The highest known value is 9.5 (Stearyl alcohol). Weighted average: 8.91</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>VOC content (g/L)</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point Tested according to:</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Autoignition Temperature (°C/°F)</td>
<td>The lowest known value is 254.0°C/489.2°F (Myristic alcohol)</td>
</tr>
<tr>
<td>Boiling point/range(°C/°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.82</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold (ppm)</td>
<td>No information available</td>
</tr>
<tr>
<td>Miscibility</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Easily soluble in diethyl ether</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in cold water</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in hot water</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partially soluble in methanol</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in Acetone</td>
</tr>
<tr>
<td>Solubility</td>
<td>Very slightly soluble in n-octanol</td>
</tr>
<tr>
<td>Molecular/Formula weight</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/range(°C/°F)</td>
<td>48.0°-55.0°C/118.4°-131.0°F</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
<tr>
<td>pD</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature(°C/°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure @ 20°C (kPa)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>The highest known value is 9.5 (Stearyl alcohol). Weighted average: 8.91</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>VOC content (g/L)</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point Tested according to:</td>
<td>Closed cup</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

- **Reactivity**
  - Reactive with acids
  - Reactive with oxidizing agents

- **Chemical stability**
  - Stability: Stable under recommended storage conditions
  - Possibility of Hazardous Reactions: Hazardous polymerization does not occur
  - Hazardous decomposition products: Carbon oxides.

- **Other Information**

---

**Product code:** C1888  **Product name:** CETOSTEARYL ALCOHOL, NF
Corrosivity: No information available
Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Eyes. Ingestion. Skin.

Acute Toxicity

Component Information

Cetostearyl Alcohol - 8005-44-5
- LD50/oral/rat = 2196 mg/kg Oral LD50 Rat (Calculated value for the mixture)
- LD50/oral/mouse = No information available
- LD50/dermal/rat = No information available
- LD50/dermal/rabbit = No information available
- LC50/inhalation/rat = No information available
- LC50/inhalation/mouse = No information available
- Other LD50 or LC50 information = >2000 mg/kg Dermal LD50 Mammal (unspecified) (Stearyl alcohol)

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = 2196mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = No information available

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = No information available

LD50/dermal/rat
VALUE - Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: May cause irritation of respiratory tract.

Ingestion: May cause digestive (gastrointestinal) tract irritation.
Aspiration hazard: No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity: No information available

Sensitization: No information available

Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic

<table>
<thead>
<tr>
<th>Components</th>
<th>ACGIH - Carcinogens</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Reproductive toxicity: No data is available

Reproductive Effects: No information available

Developmental Effects: No information available

Teratogenic Effects: No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: No data available.

Persistence and degradability: No information available

Bioaccumulative potential: No information available

Mobility: No information available

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products: Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal
14. TRANSPORT INFORMATION

**DOT**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** None
- **ERG No:** No information available
- **Marine Pollutant**
- **DOT RQ (lbs):** No information available

**TDG (Canada)**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

**ADR**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Packing Group:** No information available
- **Subsidiary Risk:** No information available
- **Classification Code:** No information available
- **Description:** No information available
- **CEFIC Tremcard No:** No information available

**IMO / IMDG**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available
- **IMDG Page:** No information available
- **Marine Pollutant**
- **MFAG:** No information available
- **Maximum Quantity:** No information available

**RID**
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Classification Code:** No information available
- **Description:** No information available

---

Product code: C1888  
Product name: CETOSTEARYL ALCOHOL, NF
14. TRANSPORT INFORMATION

ICAO
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

IATA
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Components</th>
<th>U.S. TSCA</th>
<th>KOREA KECL</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>CHINA</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not Listed</td>
<td>Present KE-05457</td>
<td>Present</td>
<td>(2)-217</td>
<td>Present</td>
<td>Not present</td>
<td>Not present</td>
</tr>
</tbody>
</table>

U.S. Regulations


**Chemicals Known to the State of California to Cause Cancer:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

**Chemicals Known to the State of California to Cause Reproductive Toxicity:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

<table>
<thead>
<tr>
<th>Components</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

CERCLA/SARA

<table>
<thead>
<tr>
<th>Components</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

U.S. TSCA

<table>
<thead>
<tr>
<th>Components</th>
<th>TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Canada

**WHMIS hazard class:**
Non-controlled

**Product code:** C1888

**Product name:** CETOSTEARYL ALCOHOL, NF
Canada Controlled Products Regulation:
This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Inventory

<table>
<thead>
<tr>
<th>Components</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>CEPA Schedule I - Toxic Substances</th>
<th>CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

EU Classification

R-phrase(s)
R-phrase(s)

S-phrase(s)
S24 - Avoid contact with skin.
S25 - Avoid contact with eyes.

<table>
<thead>
<tr>
<th>Components</th>
<th>Classification</th>
<th>Concentration Limits:</th>
<th>Safety Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetostearyl Alcohol</td>
<td></td>
<td>No information</td>
<td></td>
</tr>
</tbody>
</table>

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:
None.

16. OTHER INFORMATION
Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet
**Section 1. Chemical Product and Company Identification**

**Common Name/Trade Name**
Cetostearyl Alcohols

**Manufacturer**
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

**Commercial Name(s)**
Not available.

**Synonym**
Cetearyl Alcohol; Cetylstearyl Alcohol; Mixture of stearyl and cetyl alcohols

**Chemical Name**
Not applicable.

**Chemical Family**
Higher molecular weight alcohol. (Aliphatic.)

**Chemical Formula**
Not applicable.

**Supplier**
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

**CAS#**
8005-44-5

**RTECS**
Not applicable.

**TSCA**
TSCA 8(b) inventory: No products were found.

**C1#**
Not applicable.

**IN CASE OF EMERGENCY**
CHEMTREC (24hr) 800-424-9300

**CALL** (310) 516-8000

**Section 2. Composition and Information on Ingredients**

**Exposure Limits**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Stearyl alcohol</td>
<td>112-92-5</td>
<td>40-55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2) Cetyl alcohol</td>
<td>36653-82-4</td>
<td>40-55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3) Myristic alcohol</td>
<td>112-72-1</td>
<td>0-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Toxicological Data on Ingredients**

Stearyl alcohol
- ORAL (LD50): Acute: >2000 mg/kg [Rat]. 2510 mg/kg [Rat] (IUCLID); >7960 mg/kg [Rat]

Cetyl alcohol
- ORAL (LD50): Acute: >5000 mg/kg [Rat]. 3200 mg/kg [Mouse]. >2000 mg/kg [Rat]
- DERMAL (LD50): Acute: >2600 mg/kg [Rabbit]

Myristic alcohol
- ORAL (LD50): Acute: >5000 mg/kg [Rat]. >20000 mg/kg [Rat]. 32500 mg/kg [Rat]
- DERMAL (LD50): Acute: >5000 mg/kg [Rabbit]. 8000 mg/kg [Rabbit]

Continued on Next Page
Section 3. Hazards Identification

<table>
<thead>
<tr>
<th>Potential Acute Health Effects</th>
<th>Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.</th>
</tr>
</thead>
</table>
| Potential Chronic Health Effects | Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.  
CARCINOGENIC EFFECTS: Not available.  
MUTAGENIC EFFECTS: Not available.  
TERATOGENIC EFFECTS: Not available.  
DEVELOPMENTAL TOXICITY: Not available.  
The substance is toxic to mucous membranes.  
Repeated or prolonged exposure to the substance can produce target organs damage. |

Section 4. First Aid Measures

| Eye Contact | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. |
| Skin Contact | Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. |
| Serious Skin Contact | Not available. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Serious Inhalation | Not available. |
| Ingestion | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. |
| Serious Ingestion | Not available. |

Section 5. Fire and Explosion Data

| Flammability of the Product | May be combustible at high temperature. |
| Auto-Ignition Temperature | The lowest known value is 254°C (489.2°F) (Myristic alcohol). |
| Flash Points | The lowest known value is CLOSED CUP: 110°C (230°F). (Myristic alcohol) |
| Flammable Limits | The greatest known range is LOWER: 1% UPPER: 8% (Stearyl alcohol) |
| Products of Combustion | These products are carbon oxides (CO, CO2). |
| Fire Hazards in Presence of Various Substances | Slightly flammable to flammable in presence of open flames and sparks, of heat, of oxidizing materials. Non-flammable in presence of moisture. |
| Explosion Hazards in Presence of Various Substances | Risks of explosion of the product in presence of mechanical impact: Not available.  
Risks of explosion of the product in presence of static discharge: Not available. |
| Fire Fighting Media and Instructions | SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| Special Remarks on Fire Hazards | Material supports combustion. (Myristic alcohol) |
| Special Remarks on Explosion Hazards | Not available. |
Section 6. Accidental Release Measures

Small Spill

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Precautions

Keep away from heat. Keep away from sources of ignition. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits

Not available.

Section 9. Physical and Chemical Properties

Physical state and appearance: Solid.

Odor: Not available.

Molecular Weight: Not applicable.

Taste: Not available.

Color: Not available.

pH (1% soln/water): Not applicable.

Boiling Point: Not available.

Melting Point: 48° C (118.4° F) - 56 C.

Critical Temperature: The lowest known value is 487.85° C (910.1° F) (Cetyl alcohol).

Specific Gravity: Weighted average: 0.82 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: The highest known value is 9.5 (Air = 1) (Stearyl alcohol). Weighted average: 8.91 (Air = 1)

Volutility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil.

Ionicity (in Water): Not available.

Dispersion Properties: Is not dispersed in cold water, hot water, methanol, diethyl ether, n-octanol. See solubility in methanol, diethyl ether, acetone.


Continued on Next Page
Section 10. Stability and Reactivity Data

| Stability | The product is stable. |
| Instability Temperature | Not available. |
| Conditions of Instability | Excess heat, incompatible materials |

| Incompatibility with various substances | Reactive with oxidizing agents, acids. Non-reactive with moisture. |
| Corrosivity | Not considered to be corrosive for metals and glass. |

| Special Remarks on Reactivity | Not available. |
| Special Remarks on Corrosivity | Not available. |
| Polymerization | Will not occur. |

Section 11. Toxicological Information

| Routes of Entry | Absorbed through skin. Eye contact. Ingestion. |
| Toxicity to Animals | Acute oral toxicity (LD50): 2196 mg/kg (Rat) (Calculated value for the mixture). Acute dermal toxicity (LD50): >2000 mg/kg [Mammal (unspecified)]. (Stearyl alcohol). |
| Chronic Effects on Humans | Not available. |
| Other Toxic Effects on Humans | Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation. |

| Special Remarks on Toxicity to Animals | Lowest Published Lethal Dose/Conc LCL [Rat] - Route: Inhalation; Dose: 2220 mg/m3/6H LDL [Guinea Pig] - Route: Skin; Dose: 10000 mg/kg (Cetyl alcohol) |
| Special Remarks on Chronic Effects on Humans | Tumorigenic effects based on animal data (Registry of Toxic Effects of Chemical Substances - Route: implanted; Organism: Mouse . No human available. Unable to locate references on possible reproductive or lactation effects of this agent. (Stearyl alcohol) |
| Special Remarks on other Toxic Effects on Humans | Acute Potential Health Effects: Skin: Causes mild skin irritation. It may be absorbed through the skin Eyes: Causes mild eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause digestive tract irritation and diarrhea. May affect behavior/central nervous system (somnolence, central nervous system depresson). May affect the liver, respiration (respiratory depression) |

Section 12. Ecological Information

| Ecotoxicity | Not available. |
| BOD5 and COD | Not available. |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | The product itself and its products of degradation are not toxic. |

| Special Remarks on the Products of Biodegradation | Not available. |

Continued on Next Page
### Section 13. Disposal Considerations

**Waste Disposal**
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14. Transport Information

**DOT Classification**
Not a DOT controlled material (United States).
Not an IATA controlled material

**Identification**
Not applicable.

**Special Provisions for Transport**
Not applicable.

**DOT (Pictograms)**

### Section 15. Other Regulatory Information and Pictograms

**Federal and State Regulations**
No products were found.

**California Proposition 65 Warnings**
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

**Other Regulations**
Not available

**Other Classifications**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Not controlled under WHMIS (Canada).</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHMIS (Canada)</td>
<td>Not controlled under WHMIS (Canada).</td>
</tr>
<tr>
<td>DSCL (EEC)</td>
<td>This product is not classified according to the EU regulations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS (U.S.A.)</th>
<th>National Fire Protection Association (U.S.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazard</td>
<td>Health</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>E</td>
</tr>
</tbody>
</table>

**WHMIS (Canada) (Pictograms)**

**DSCL (Europe) (Pictograms)**

**TDG (Canada) (Pictograms)**

Continued on Next Page
Cetostearyl Alcohols

**ADR (Europe)**
(Pictograms)

**Protective Equipment**

- Gloves.
- Lab coat.
- Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- Safety glasses.

---

**Section 16. Other Information**

<table>
<thead>
<tr>
<th>MSDS Code</th>
<th>C3896</th>
</tr>
</thead>
<tbody>
<tr>
<td>References</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Special Considerations</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Validated by Sonia Owen on 6/25/2013.

Verified by Sonia Owen.


CALL (310) 516-8000

---

**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user’s responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.

---

**Contact Distributor**

www.qualityexcipients.com

info@qualityexcipients.com