

## Cetyl Alcohol

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 03-22-2016  
Supersedes: 11-05-2012

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Cetyl Alcohol  
**Synonyms:** 1-hexadecanol, hexadecyl alcohol  
**INCI Name:** Cetyl Alcohol  
**CAS Number:** 36653-82-4  
**Formula:** C<sub>16</sub>H<sub>34</sub>O  
**Product Form:** Powder  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics.com Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
 Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** www.makingcosmetics.com

**Emergency Telephone Number: 1-800-424-9300 (Chemtrec)**

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Aquatic Chronic 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 4

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H413: May cause long lasting harmful effects to aquatic life  
**GHS Precautionary Statements:** P281: Use personal protective equipment as required

**GHS Precautionary Statements:**  
**Potential Health Hazards:**

Eyes: Irritant.  
 Inhalation: Not expected to be an irritant.  
 Skin: May be irritant.  
 Ingestion: Not expected to be an irritant.

**NFPA Ratings (704):**

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Cetyl Alcohol	36653-82-4	N/A	242.45 g/mol

### 4 FIRST AID MEASURES

**Eyes:** Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation persists.  
**Inhalation:** Remove to fresh air. Seek medical attention if necessary.  
**Skin:** Wash skin with soap and water. Seek medical attention if symptoms occur.  
**Ingestion:** Give water to drink. Seek medical attention if symptoms occur.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Water fog, foam, carbon dioxide or dry chemical.  
**Special protective equipment & precautions for firefighters:** Firefighters should wear full protective clothing including self-contained breathing apparatus.  
**Flash Points:** 200°F  
**Specific hazards arising from the chemical:** Not available.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**  
**Environmental precautions:**  
**Methods and material for containment and cleaning up:**

See section 8 for recommendations on the use of personal protective equipment.

Prevent entry into waterways, sewers, basements or confined areas. Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

## 7 HANDLING & STORAGE

**Precautions for safe handling:**  
**Conditions for safe storage, incl. any incompatibilities:**

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Cetyl Alcohol	N/A		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

**Eyes:** Safety glasses, goggles, or face shield recommended for eye protection.  
**Inhalation:** Appropriate NIOSH approved respiratory protection may be worn.  
**Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.  
**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Flakes	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	White	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	242.45 g/mol	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (1% solution)</b>	6-8	<b>Solubility:</b>	Soluble in water
<b>Boiling Point:</b>	179°C (354°F)	<b>Flash Point:</b>	200°F
<b>Melting Point:</b>	54°C (129°F)	<b>Specific Gravity:</b>	0.95

## 10 STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions.  
**Chemical Stability:** Stable under normal conditions.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Excessive temperatures.  
**Incompatible Materials:** Strong oxidizers, strong mineral acids.  
**Hazardous Decomposition Products:** None known.

## 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity**

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available

**Persistence and Degradability:** Not available  
**Bioaccumulative Potential:** Not available  
**Mobility in Soil:** Not available  
**PBT and vPvB Assessment:** Not available  
**Other Adverse Effects:** Not available

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as Cetyl alcohol.
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

**Revision Date:** 03-22-2016

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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**Disclaimer:**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.