

Stearyl Alcohol

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

Date: 02-20-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Stearyl Alcohol	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Stearyl Alcohol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	112-92-5	Web:	www.makingcosmetics.com
Formula:			
Product Form:	Pastilles or Flakes		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td>1</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td>1</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td>0</td> <td>No Significant Hazard</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Minimal	Flammability	1	Minimal	Reactivity	0	No Significant Hazard	Specific Hazard	n/a	
Health	1	Minimal											
Flammability	1	Minimal											
Reactivity	0	No Significant Hazard											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Octadecanol	112-92-5	95%	N/A
Hexadecanol	36653-82-4	<2.5%	N/A
Eicosanol	629-96-9	<2.5%	N/A

4 FIRST AID MEASURES

Eyes:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation:	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
Skin:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.
Ingestion:	If swallowed, call poison control center or Doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus. Wear appropriate protective equipment to protect eyes and skin. Keep containers and surroundings cool with water spray.
Flash Points:	CLOSED CUP: 190°C (374°F). OPEN CUP: 200°C (392°F).
Specific hazards arising from the chemical:	NFPA Class IIIB Combustible liquid

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Minimize contamination of drains, surface and ground waters.

Methods and material for containment and cleaning up: Ventilate area and eliminate all ignition sources. Contain spill. Absorb spill with inert material such as sand or sawdust then place in container for disposal. Wash spill site after material pickup is complete.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good hygiene and safety procedures. Avoid contact with eyes and skin. Use with caution around heat, sparks, static electricity, and open flames. Since empty containers contain product residue, follow all hazard warnings and precautions even after container is emptied. Keep away from sources of ignition.

Conditions for safe storage, incl. any incompatibilities: Store all materials in properly labeled containers. Store in a cool dry well ventilated area. Do not store together with oxidizing agents. Keep away from heat or open flame. Take precautionary measures against static discharges.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Stearyl Alcohol	Not determined		

Personal Protection:

Eyes: Safety glasses, goggles or face shield recommended for eye protection.

Inhalation: Use with adequate ventilation system. Use an appropriate NIOSH/MSHA approved respirator if vapor, mist or dust is generated.

Body: Nitrile gloves, chemical resistant apron or other impervious clothing, if needed, to protect against hot liquid and to avoid skin contact.

Other: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Solid, Flakes	Vapor Pressure:	<0.01 mm Hg@ 38 °C
Odor:	Sweet	Vapor Density:	8.3-9.3
Taste:	Not available	Viscosity:	15 cSt @50° C
Color:	White	Density:	0.813 g/cm ³ @52 °C
Molecular Weight:	Not available	Auto-Ignition Temperature:	450 °C (842 °F)
pH (1% sol. in water)	Not available	Solubility:	Insoluble
Boiling Point:	286-339 °C 548-642 °F	Flash Point:	See section 5
Melting Point:	45-53 °C 113-127 °F	Specific Gravity:	Not available

10 STABILITY AND REACTIVITY

Reactivity: Product is stable

Chemical Stability: Product is stable

Hazardous Polymerization: None

Conditions to Avoid: Keep away from heat and sources of ignition

Incompatible Materials: Can react with strong oxidizers, inorganic acids, and halogens.

Hazardous Decomposition Products: None

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Acute oral toxicity (LD50): 20000 mg/kg [Rat]

Skin: Not available

Eyes: Not available

Respiratory: Not available

Ingestion: Not available

Carcinogenicity: Data not available

Teratogenicity:	Data not available
Germ Cell Mutagenicity:	Data not available
Embryotoxicity:	Data not available
Specific Target Organ Toxicity:	Data not available
Reproductive Toxicity:	Data not available
Respiratory/Skin Sensitization:	Data not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Data not available
Aquatic Invertebrate:	Data not available
Terrestrial:	Data not available

Persistence and Degradability: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise

Bioaccumulative Potential:	Data not available
Mobility in Soil:	Data not available
PBT and vPvB Assessment:	Data not available
Other Adverse Effects:	Data not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.
Product Containers:	Dispose of in a manner in accordance with local and national regulations.

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 stearyl 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:	02-20-2018
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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.