

Stearyl Alcohol

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

Revision Date: 06-Aug-2024
Supersedes: 24-Jun-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Stearyl Alcohol	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	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:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	Not a dangerous substance according to GHS.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	1	Slight											
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>
Stearyl Alcohol	112-92-5	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Inhalation:	Supply fresh air; consult doctor in case of complaints.
Skin:	Immediately wash skin with soap and water. If skin irritation continues, consult a doctor.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth and then drink plenty of water. Call a doctor immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (CO ₂ , powder, water spray) for surrounding environment and adjacent fire. Fight larger fires with water spray or alcohol-resistant foam. Do NOT use a water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	341.6 - 383°F (172 - 195°C)
Specific hazards arising from the chemical:	Avoid breathing dust, fumes, gas, combustion gas, mists, vapors, or spray. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Open and handle receptacle with care. Use good personal hygiene practice. Do not smoke near product. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a cool, dry area in tightly close receptacles. Store only in the original receptacle. Keep container tightly sealed when not in use. Keep away from heat and direct sunlight. Keep ignition sources away. Store away from oxidizing agents and any incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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:	Wear safety glasses or goggles. Goggles are recommended when refilling.
Inhalation:	Use suitable respiratory protective device only when aerosol or mist is formed.
Body:	Wear impermeable gloves, resistant to the product, substance, and preparation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time must be found out by the manufacturer of the protective gloves and must be observed. Wear full protective clothing.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid	Vapor Pressure:	0.0005 mmHg at 38°C
Odor:	Mild	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	341.6 - 383°F (172 - 195°C)
Boiling Point:	330 - 360°C at 760 mmHg	Specific Gravity:	No data available
Melting/Freezing Point:	132.8 - 138.2°F (56 - 59°C)	Water Solubility:	<1.0 mg/L at 23°C
Relative Density:	No data available	Auto-Ignition Temperature:	516.2°F (269°C)
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Dynamic Viscosity:	6 - 9 mPa.s at 60°C	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable.
Hazardous Polymerization:	No potential known.
Conditions to Avoid:	Keep away from heat and direct sunlight. Keep ignitions sources away. Do not smoke.
Incompatible Materials:	Store away from oxidizing agents.

Hazardous Decomposition Products: No data available.
Possible Hazardous Reactions: No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Skin: (Rabbit) Dermal, LD50 (mg/kg bodyweight): 8,000mg/kg. No irritating effect.
Eyes: No irritating effect.
Inhalation: No data available.
Ingestion: (Rat) Oral, LD50 (mg/kg bodyweight): 2,000 mg/kg.
Carcinogenicity: Not a carcinogen.
Teratogenicity: No data available.
Germ Cell Mutagenicity: No data available.
Embryotoxicity: No data available.
Specific Target Organ Toxicity: No data available.
Reproductive Toxicity: No data available.
Sensitization: No data available.
Corrosivity: No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Generally, not hazardous for water.
Aquatic Vertebrate: No data available.
Aquatic Invertebrate: No data available.
Terrestrial: No data available.
Persistence and Degradability: Easily biodegradable.
Bioaccumulative Potential: Does not accumulate in organisms.
Mobility in Soil: No data available.
PBT and vPvB Assessment: No data available.
Other Adverse Effects: No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management. 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.

Product Containers: Empty containers should be recycled or disposed of through an approved waste management facility. 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): Non-regulated material.
TDG (Transportation of Dangerous Goods, Canada): No data available.
IMDG (International Maritime Dangerous Goods): Not-regulated material.
IATA (International Air Transport Association): Not-regulated material.
ICAO (International Civil Aviation Organization): No data available.

15 REGULATORY INFORMATION

TSCA Registered: Yes.
TSCA 5(a) SNUR: No.
Canada (DSL): Listed.
EU (EINECS): Listed.

China Inventory List:	Listed.
Australia (AICS):	Listed.
Japan (MITI):	Listed.
Philippines (PICCS):	Listed.
Korean Inventory List:	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date:	06-Aug-2024
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.