

Stearyl Alcohol

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

Revision Date: 25-Sep-2025
Supersedes: 22-Jun-2023

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

(EC) No. 1272/2008 [CLP]	Not classified.		
Classification:			
Labeling:	No labelling applicable.		
Hazard Pictograms:	None.		
Hazard Statements:	None.		
Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	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 cautiously for several minutes. Treat symptomatically.
Inhalation:	Supply fresh air; keep in a comfortable breathing position. Treat symptomatically.
Skin:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed y warm water rinse. Wash skin with plenty of water. Treat symptomatically.
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 poison center or a doctor if you feel unwell. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (CO2, dry powder, foam, water spray) for surrounding environment and adjacent fire. Do NOT use a heavy water stream or high-power water jet.
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:	Hazardous decomposition products in case of fire include carbon monoxide and carbon dioxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ventilate spillage area. 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:	Prevent further leakage or spillage if safe to do so. Mechanically recover the product (sweeping, shoveling) and collect in suitable container for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a cool, well-ventilated place. 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	224 mg/m ³	TWA	Not available
	20 ppm	TWA	Not available
	224 mg/m ³	TWA	Not available
	20 ppm	TWA	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.
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear protective gloves and suitable protective clothing.
Other:	Avoid release to the environment. 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 (Flakes)	Vapor Pressure:	<0.01 mm Hg
Odor:	Mild odor, characteristic	Vapor Density:	Not applicable
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not applicable
pH:	No data available	Flash Point:	Not applicable
Boiling Point:	>480°F >249 °C	Specific Gravity:	No data available
Melting Point:	131 - 140°F (55 - 60°C)	Solubility:	Insoluble
Density:	0.8	Auto-Ignition Temperature:	Not applicable
Partition Coefficient: n-octanol/water:	7.19	Decomposition Temperature:	No data available
Kinematic Viscosity:	Not applicable	Explosive Properties:	None reported
Oxidizing Properties:	None reported	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None under recommended storage and handling conditions.
Incompatible Materials:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified.
Skin:	(Rabbit, Dermal) LD50 >3g/kg. Not classified.
Eyes:	Not classified.
Inhalation:	Not classified.
Ingestion:	(Rat, Oral) LD50 > 5g/kg.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	Not classified.
Aspiration Hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	(Brachydanio Rerio) LC50: > 10000 mg/l; Exposure time: 96 hours.
Aquatic Invertebrate:	(Daphnia magna) EC50: 1666 mg/l; Exposure time: 48 hours.
Algae:	(Desmodesmus Subspicatus) EC50: 235 mg/l; Exposure time: 96 hours.
Persistence and Degradability:	Non degradable in the soil. Readily biodegradable in water. ThOD: 3.25 g O ₂ /g substance.
Bioaccumulative Potential:	Bioaccumulation is not expected to occur.
Mobility in Soil:	15000. 5.67 (log K _{oc} , Experimental value). Absorbs in soil.
PBT and vPvB Assessment:	This substance does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of contents/container in accordance with licensed collectors sorting instructions. 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.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Non-regulated.
IATA (International Air Transport Association):	Non-regulated.
ICAO (International Civil Aviation Organization):	No data available.
ADN/RID (EU Land Transportation):	Non-regulated.

15 REGULATORY INFORMATION

TSCA Registered:	Listed.
REACH Annex XVII (Restriction List):	Not listed on REACH Annex XVII.
REACH Annex XIV (Authorization List):	Not listed on REACH Annex XIV (Authorization list).
REACH Candidate list (SVHC):	Not listed.
PIC Regulation:	Not listed on the Prior Informed Consent list (regulation EU 649/2012).
POP Regulation:	Not listed on the Persistent Organic Pollutants list (Regulation EU 2019/1021).
Ozone Regulation:	Not listed on the Ozone Depletion List (Regulation EU 1005/2009).
Canada (DSL):	Listed.
EU (EINECS):	Listed.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ENCS):	Listed.
Japan (ISHL):	Listed.
Philippines (PICCS):	Listed.
Korean Inventory List:	Listed.
Mexico (INSQ):	Listed.
Taiwan (TCSI):	Listed.
Vietnam (NCI):	Listed.
New Zealand (NZIoC):	Listed.
Netherlands:	ABM Category: A (4) low hazard for aquatic organisms, may have long-term hazardous effects in aquatic environment. The substance is not listed.
Switzerland:	Storage Class (LK) NG - Non-hazardous.
Germany:	Water Hazard Class: Non-hazardous to water (Classification according to AwSV). LGK 13: Non-combustible solids. Employment Restrictions: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG). Hazardous Incident Ordinance (12. BImSchV) Is not subject to the hazardous incident Ordinance.

16 OTHER INFORMATION

Revision Date:	25-Sep-2025
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.