

Polyhydroxystearic Acid

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

Revision Date: 11-Oct-2024
Supersedes: 19-Jul-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Polyhydroxystearic Acid
Synonyms: No data available
INCI Name: Polyhydroxystearic Acid
CAS Number: 58128-22-6
Formula: No data available
Product Form: Solid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st 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: 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: May be an irritant. Molten material may cause burns.
Inhalation: May be an irritant.
Skin: May be an irritant. Molten material may cause burns.
Ingestion: Nontoxic, may cause irritation.

NFPA Ratings (704):

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Polyhydroxystearic Acid	58128-22-6	100%	Not Available

4 FIRST AID MEASURES

Eyes: Flush with cold water and seek medical attention. Irritation is possible. Burns can occur if product is molten.
Inhalation: Avoid vapors from overheated product. Remove to fresh air. Consult a physician. Irritation is possible.
Skin: Flush with cold water and seek medical attention. Do not remove clothing or peel solidified product off the skin.
This product is not absorbed by the skin. Irritation is possible. Burns can occur if product is molten.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. This is a non-toxic product.
Consult a physician. Irritation is possible.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (foam, powder, water spray, carbon dioxide) for surrounding environment and adjacent fire. Do not use a heavy water stream.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Protect containers with water spray.

Flash Points: Not determined.

Specific hazards arising from the chemical: Thermal decomposition generates carbon oxides and irritating volatile organic compounds. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up:

Allow product to solidify if molten. Remove solidified product. This product is not hazardous waste. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

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

Use with caution around heat, sparks, static electricity, and open flame. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Store in a cool, dry, well-ventilated storage area away from direct sunlight. Three years under proper storage conditions. Store away from 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>
Polyhydroxystearic Acid	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 splash goggles or face shield.
Inhalation: Ensure there is adequate ventilation. No additional precautions normally required.
Body: Wear protective gloves and an apron or lab coat.
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 paste	Vapor Pressure:	Not applicable
Odor:	Characteristic of wax	Vapor Density:	Not applicable
Odor Threshold:	Not determined	Evaporation Rate:	Not applicable
Color:	No data available	Flammability:	Not classified
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not classified
pH:	Not applicable	Flash Point:	Not determined
Boiling Point:	Not determined	Specific Gravity:	No data available
Melting Point:	122 - 158°F (50-70°C)	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	Not determined
Partition Coefficient: n-octanol/water:	Not applicable	Decomposition Temperature:	Not determined
Viscosity:	Not determined	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity: This product is not reactive under the conditions listed in Section 7.
Chemical Stability: This product is stable under the conditions listed in Section 7.
Hazardous Polymerization: No data available.
Conditions to Avoid: Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity, and open flame.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Thermal decomposition generates carbon oxides and irritating volatile organic compounds.

Possible Hazardous Reactions: No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not classified.
Eyes:	Not classified.
Inhalation:	Not classified.
Ingestion:	Not classified.
Carcinogenicity:	No data available.
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.
Skin Sensitization:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	This product is not a dangerous waste material. Do not pour into drains or waterways. 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:	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 classified.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not classified.
IATA (International Air Transport Association):	Not regulated by IATA Dangerous Goods Regulation (DGR).
ICAO (International Civil Aviation Organization):	No data available.
ADR (European Transport by Road):	Not classified.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed.
Canada (DSL):	Listed.
OSHA:	Not hazardous.
EU (EINECS):	No data available.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ENCS):	No data available.

Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date: 11-Oct-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.