

Sorbitan Stearate

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

Revision Date: 08-28-2015
Supersedes: 11-14-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sorbitan Stearate
Synonyms:
INCI Name: Sorbitan monostearate
CAS Number: 1335-41-6
Formula: C₂₄H₄₆O₆
Product Form: Solid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com 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 classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: May be irritant.
 Inhalation: No specific hazard known.
 Skin: Not irritant.
 Ingestion: No specific hazard known.

NFPA Ratings (704):

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>
Sorbitan Stearate	1335-41-6	Not available	430.62 g/mol

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
Skin: Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion: Give 1 or 2 glass of water. If gastrointestinal symptoms develop, consult medical personnel.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: No data available
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: >400° C
Specific hazards arising from the chemical: None known

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

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

**Environmental precautions:
Methods and material for containment and cleaning up:**

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 and remove to disposal container. If damp, flush with water.

7 HANDLING & STORAGE

Precautions for safe handling:

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, incl. any incompatibilities:

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>
Sorbitan stearate	Not determined		

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: No protective measures necessary. May wear NIOSH approved respiratory protection.
Body: Gloves recommended 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

Appearance, Physical State:	Pellets	Vapor Pressure:	Not available
Odor:	Bland odor	Vapor Density:	0.97 g/cm ₃
Taste:	Not available	Evaporation Rate:	Not available
Color:	Pale-yellow	Flammability:	Not available
Molecular Weight:	430.62 g/mol	Upper/lower Explosive Limit:	Not available
pH (1% sol. in water)	Approx. 6 (10% solution)	Solubility:	Insoluble in water
Boiling Point:	137°C (279°F)	Flash Point:	>400°C
Melting Point:	55°C (131°F)	Specific Gravity:	Not available

10 STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Stable under normal conditions of storage and handling.
Hazardous Polymerization: Will not occur
Conditions to Avoid: Not available
Incompatible Materials: None known
Hazardous Decomposition Products: None known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral toxicity (LD50) 15.9 g/kg (rat)
Skin:	Non-irritant
Eyes:	May cause irritation
Respiratory:	No specific hazard known
Ingestion:	No specific hazard known
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:	> 80 % (OECD 302B) as determined for this class of product
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Ecological Toxicity: LC/EC/IC50 > 10 mg/l (CESIO guidelines)

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 sorbitan monostearate.
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:	08-28-2015
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.