



Safety Data Sheet Sorbitan Stearate

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Sorbitan Stearate

INCI Name: Sorbitan Stearate

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous substance.

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Sorbitan Stearate	Not classified	1338-41-6	100%

Additional Information: No additional information available.



Safety Data Sheet

Sorbitan Stearate

Complies with 29 CFR 1910.1200

Section 4: First Aid Measures

Notable Exposure Symptoms: No information available. No indication of any immediate medical attention and special treatment needed.

If Ingested: Call a poison center/doctor/physician if you feel unwell.

If Inhaled: Remove person to fresh air and keep comfortable for breathing.

Eye Contact: Rinse eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Section 5: Fire Fighting Measures

General Info: Flash point: 225°C (@ ca. 1013 hPa). Do not attempt to take action without suitable protective equipment.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Carbon dioxide. Carbon monoxide.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Emergency procedure is to ventilate the spillage area. Do not attempt to take action without suitable protective equipment. See section 8.

Environmental Precautions: Non-hazardous. Avoid release to the environment.

Containment Equipment and

Cleanup Procedures: Mechanically recover product. Dispose of materials or solid residues at an authorized site.

Section 7: Handling and Storage

Safe Handling Precautions: Ensure adequate ventilation of the workstation. Wear personal protective equipment. Avoid dust formation.

Recommendations for Storage: Store in a well-ventilated area. Keep cool or store at 25°C.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



Safety Data Sheet

Sorbitan Stearate

Complies with 29 CFR 1910.1200

Section 8: Exposure Control / Personal Protection

Control Parameters: No additional information available.
Sorbitan Stearate (1338-41-6) - ACGIH OEL TWA - Occupational Exposure
Limits: 10 mg/m³ (inhalable fraction).

General / Engineering

Controls: General mechanical ventilation is acceptable.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Wear suitable protective gloves.

Body Protection: Wear suitable protective clothing.

Respiratory Protection: Where dust or particulates are generated by the process, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls.

Thermal Hazards: None required under normal conditions of use.

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Section 9: Physical and Chemical Properties

Physical State: Solid

Appearance: Flake, pastille

Color: Off-white to pale beige

Odor: Mild

Odor Threshold: No data available

pH: No data available

Melting Point/Freezing Point: No data available/Not applicable

Boiling Point: > 300°C decomposition temperature

Flash Point: 225°C (@ ca. 1013 hPa)

Auto-ignition Temperature: Not applicable

Decomposition Temperature: No data available

Evaporation Rate: No data available

Vapor Pressure: < 0.0001 Pa @ 25°C

Explosive Limits: Not applicable

Density: No data available

Molecular Weight: 430.61 g/mol

Water Solubility: Dispersible

Viscosity (cP): No data available

Explosion Properties: None reported

Oxidizing Properties: None reported

Partition coefficient: Not available

Other information: None available



Safety Data Sheet

Sorbitan Stearate

Complies with 29 CFR 1910.1200

Section 10: Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous

Reactions: No dangerous reactions known under normal conditions of use.

Conditions to Avoid: Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition

Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

General Information: Sorbitan Stearate (CAS No. 1338-41-6) Historical information; not tested on animals for cosmetics.

Information on Toxicological Effects

Acute Toxicity (oral): Not classified

Acute Toxicity (dermal): Not classified

Acute Toxicity (inhalation): Not classified

Sorbitan Stearate (CAS No. 1338-41-6) LD50 oral rat: 31 g/kg

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin

Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT-Single Exposure: Not classified

STOT-Repeated Exposure: Not classified

Sorbitan Stearate (CAS No. 1338-41-6) NOAEL (oral,rat,90 days): ≥ 1000 mg/kg. OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test).

Aspiration Hazard: Not classified

Viscosity, Kinematic: Not classified



Safety Data Sheet

Sorbitan Stearate

Complies with 29 CFR 1910.1200

Section 12: Ecological Information

Ecology - General: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Sorbitan Stearate (CAS No. 1338-41-6) LC50 - Fish [1]: 0.417 mg/l. Source: QSAR

Persistence and Degradability: Biodegradable

Bioaccumulative Potential: Bioaccumulation is not expected to occur.

Partition coefficient n-octanol/water (Log Pow): 6.1 (Estimated)

Mobility in Soil: No additional information available.

Other Adverse Effects: No additional information available.

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable



Safety Data Sheet

Sorbitan Stearate

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Section 15: Regulatory Information

US Federal Regulations: All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

International Regulations: No additional information available.

California Prop 65: This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: Other Information

Indication of Changes: Version 2 created April 3, 2024

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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