

Sucrose Stearate

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

Revision Date: 04-May-2022
Supersedes: 05/01/2019

1 PRODUCT & COMPANY IDENTIFICATION

| | | | |
|-----------------------|---|------------------------------------|--|
| Product Name: | Sucrose Stearate | Distributor: | MakingCosmetics Inc. |
| Chemical Name: | Sucrose, glycerol, propane-1,2-diol, reaction product with fatty acids (C16/18) | Address: | 10800 231 st Way NE |
| INCI Name: | glyceryl stearate SE, sucrose stearate | | Redmond, WA 98053 (USA) |
| CAS Number: | 11099-07-3, 25168-73-4 | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| Formula: | No data available | Web: | www.makingcosmetics.com |
| Product Form: | Pellets or 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 irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant. | | | | | | | | | | | | |
| NFPA Ratings (704): | <table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2" style="text-align: center;">N/A</td> </tr> </table> | Health | 1 | Slight | Flammability | 1 | Slight | Reactivity | 0 | Minimal | Specific Hazard | N/A | |
| Health | 1 | Slight | | | | | | | | | | | |
| 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> |
|----------------------|----------------|-----------------|-------------------------|
| glyceryl stearate SE | 11099-07-3 | 50-70% | Not Available |
| sucrose stearate | 25168-73-4 | 30-50% | Not Available |
| water | 7732-18-5 | 1.5-4.5% | Not Available |

4 FIRST AID MEASURES

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| Eyes: | Flush eye(s) with 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show this SDS. |
| Inhalation: | Ensure fresh supply of air. |
| Skin: | Change soaked clothing. No additional information available |
| Ingestion: | Give plenty of water to drink. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur. |

5 FIRE-FIGHTING MEASURES

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|---|---|
| Suitable (and unsuitable) extinguishing media: | May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water. |
| Special protective equipment & precautions for firefighters: | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Do not inhale explosion and/or combustion gases. |
| Flash Points: | >374.00° F |
| Specific hazards arising from the chemical: | In the event of fire, the following can be released - carbon dioxide, carbon monoxide. Under certain conditions of combustion traces of other toxic substances cannot be excluded. 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. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up:

Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes. Ensure adequate ventilation. Do not eat, drink, or smoke when working. Wash hands before breaks and immediately after handling the product. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities:

Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component
 Sucrose Stearate

Exposure Limits
 Not available

Basis

Entity

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 goggles with side shields should be worn.
Inhalation: In case of formation of vapors/dusts: Short term: filter apparatus, combination filter A-P2.
Body: Protective clothing should be worn. Protective gloves (e.g. natural latex, chloroprene (CR, i.e. Neoprene), nitril (NBR), butyl (IIR), or fluorinated rubber (FKM, i.e. Viton)).
Other: Do not eat, drink, or smoke when working. Wash hands before breaks and immediately after handling. 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

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|--|--------------------------------------|-------------------------------------|--|
| Appearance: | Light yellow pellets | Vapor Pressure: | Not measured |
| Odor: | Characteristic | Vapor Density: | Not measured |
| Odor Threshold: | Not measured | Evaporation Rate: | Not measured |
| Color: | Light yellow | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | Not measured |
| pH: | 9.8 (50 g/L) water. | Flash Point: | >374.00 °F |
| Boiling Point: | >143 °C | Specific Gravity @ 25 °C: | 1.05-1.20 |
| Melting Point: | 53-59 °C 49 °C (OECD 102) >190 °C | Solubility in Water: | Dispersible |
| Density: | Not determined | Auto-Ignition Temperature: | Not to be expected, given the composition employed |
| Partition Coefficient: n-octanol/water: | No data available | Decomposition Temperature: | >190 °C |
| Viscosity: | No data available | Explosive Properties: | No data available |
| Oxidizing Properties: | No data available | Freezing Point: | No data available |
| Corrosive Properties: | Not corrosive to metals | Bulk Density: | 600 kg/m ³ |

10 STABILITY AND REACTIVITY

Reactivity: No hazardous reactions with proper storage under normal conditions.
Chemical Stability: The product is stable under normal conditions.

Hazardous Polymerization: No hazardous reactions with proper storage under normal conditions.
Conditions to Avoid: Unknown
Incompatible Materials: Unknown
Hazardous Decomposition Products: None known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available
Skin: LC50: 2000 mg/kg (analogy)
 Acute toxicity estimate: >5000 mg/kg
Eyes: No data available
Respiratory: No data available
Ingestion: LD50: >2000 mg/kg
Carcinogenicity: Not classified as carcinogen by IARC, NTP, or OSHA.
Teratogenicity: No data available
Germ Cell Mutagenicity: Ames test (OECD 471): negative
Embryotoxicity: No data available
Specific Target Organ Toxicity: No data available
Reproductive Toxicity: No data available
Respiratory/Skin Sensitization: Maximization test, OECD 406: non-sensitizing
Corrosivity: OECD 404: non-irritant (24h)
Sensitization: No data available
Irritation: Non-irritant
Repeated Dose Toxicity: NOAEL: ≥1000 mg/kg

12 ECOLOGICAL INFORMATION

Ecotoxicity
Aquatic Vertebrate: LC50: 3100 mg/L (*Leuciscus idus*) (96h)
Aquatic Invertebrate: EC50: 28.5 mg/L (*Daphnica magna*) (48h)
 ErC50: 16 mg/L (*Pseudokirchneriella subcapitata*) (72h)
Terrestrial: NOEC: 3.2 mg/L (*Pseudokirchneriella subcapitata*)
Persistence and Degradability: >95% (28d, OECD 301D / EEC 84/4499)
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
PBT and vPvB Assessment: No data available
Other Adverse Effects: Do not allow to enter soil, waterways, or waster water canal.

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): No data available
TDG (Transportation of Dangerous Goods, Canada): Not regulated as a dangerous good
IMDG (International Maritime Dangerous Goods): Not regulated as a dangerous good
IATA (International Air Transport Association): Not regulated as a dangerous good
ICAO (International Civil Aviation Organization): No data available

15 REGULATORY INFORMATION

TSCA Inventory Status: None present or none present in regulated quantities
DSCL (EEC): No data available

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| WHMIS (Canada): | No data available |
| EU EINECS/ELINCS/NLP: | No data available |
| China IECSC: | No data available |
| China IECIC (06.30.2014): | No data available |
| Australia AICS: | No data available |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): | None present or none present in regulated quantities |
| CERCLA Hazardous Substance List (40 CR 302.4): | None present or none present in regulated quantities |
| SARA Hazard Categories: | Not classified |
| SARA 302 Extremely Hazardous Substance: | None present or none present in regulated quantities |
| SARA 311/312 Hazardous Chemical: | No data available |
| SARA 313 (TRI Reporting): | None present or none present in regulated quantities |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): | None present or none present in regulated quantities |
| US. California Prop. 65: | No ingredient requiring a warning under CA Prop 65. |
| US. New Jersey Worker and Community RTK Act: | Glycerol |
| US. Massachusetts RTK Substance List: | Propane-1,2-diol Sucrose |
| US. Pennsylvania RTK Hazardous Substances: | Glycerol Sucrose |
| US. Rhode Island RTK: | Glycerol Propane-1,2-diol Sucrose |

16 OTHER INFORMATION

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| Revision Date: | 04-May-2022 |
| 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. |