

## Glyceryl Stearate SE

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

Revision Date: 09-10-2018  
Supersedes: 10-16-2015

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> Glyceryl Stearate SE	<b>Distributor:</b> MakingCosmetics.com Inc.
<b>Synonyms:</b>	<b>Address:</b> 10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b> Glyceryl stearate	Redmond, WA 98053 (USA)
<b>CAS Number:</b> 123-94-4, 31566-31-1	<b>Phone / Fax:</b> 425-292-9502 / 425-292-9601
<b>Formula:</b> C21-H42-O4	<b>Web:</b> <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Product Form:</b> Waxy flakes	
<b>Product Use:</b> Cosmetic use	<b>Emergency Telephone Number:</b> 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Signal Word:</b>	Not classified												
<b>GHS Hazard Pictograms:</b>	Not classified												
<b>GHS Hazard Statements:</b>	Not classified												
<b>GHS Precautionary Statements:</b>	Not classified												
<b>Potential Health Hazards:</b>	Eyes: May cause irritation. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: May be irritant.												
<b>NFPA Ratings (704):</b>	<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; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
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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	123-94-4, 31566-31-1	100%	358.63

### 4 FIRST AID MEASURES

<b>Eyes:</b>	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
<b>Inhalation:</b>	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
<b>Skin:</b>	Flush with plenty of water and wash using soap.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Point:</b>	OPEN CUP: >260°C (500°F)(Cleveland)
<b>Specific hazards arising from the chemical:</b>	Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel, and equipment before transfer or use of material. May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective</b>	See section 8 for recommendations on the use of personal protective equipment.
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**equipment & emergency procedures:**
**Environmental precautions:**

Not available

**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:** See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Glyceryl Stearate	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:** Chemical safety glasses or goggles

**Inhalation:** Not needed under normal conditions of use

**Body:** Protective rubber gloves, slip proof shoes may be worn where spills may occur

**Other:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Waxy solid	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Mild waxy	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	Transparent to opaque white	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	358.63	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (1% sol. in water)</b>	Not available	<b>Flash Point:</b>	>260°C (500°F)
<b>Boiling Point:</b>	>260°C (500°F)	<b>Specific Gravity:</b>	Not available
<b>Melting Point:</b>	58°C (136.4°F)	<b>Solubility:</b>	Insoluble in water

## 10 STABILITY AND REACTIVITY

**Reactivity:** Product is stable

**Chemical Stability:** Product is stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Strong oxidizing agents

**Incompatible Materials:** Concentrated nitric or sulfuric acid

**Hazardous Decomposition Products:** Burning can produce the following products: carbon monoxide and/or carbon dioxide.

## 11 TOXICOLOGICAL INFORMATION

**Acute Oral Toxicity:** LD50: >12800 mg/kg [Rat]

**Chronic Effects on Humans:** Not available

**Special Remarks:** Acute Potential Health Effects: May cause skin, eye, respiratory tract, and gastrointestinal tract irritation

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available

**Persistence and Degradability:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Bioaccumulative Potential:** Not available  
**Mobility in Soil:** Not available  
**PBT and vPvB Assessment:** Not available

### 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):** No data available  
**IMDG (International Maritime Dangerous Goods):** No data available  
**IATA (International Air Transport Association):** No data available  
**ICAO (International Civil Aviation Organization):** No data available

### 15 REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) inventory: Glyceryl Monostearate  
FDA: Direct Food Additives GRAS list (21CFR 184.1324): Listed as Glyceryl Monostearate  
FDA: Everything Added to Food in the United States (EAFUS) list: Listed as Glyceryl Monostearate  
FEMA: Generally Recognized as Safe List: Listed as Glyceryl Monostearate

**DSCL (EEC):** No data available  
**WHMIS (Canada):** Listed on Canadian Domestic Substance List (DSL)  
**Japan:** Not listed on National Inventory (ENCS)  
**California Prop 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):** California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.  
California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found

### 16 OTHER INFORMATION

**Revision Date:** 09-10-2018  
**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.