

Sodium Stearate

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

Revision Date: 01/06/2021
Supersedes: 10/10/2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Stearate	Distributor:	MakingCosmetics.com Inc.
Synonyms:	d-sorbitol, d-glucitol, hexahydric alcohol	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Sodium Stearate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	822-16-2	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Powder		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Combustible dust												
Signal Word:	WARNING												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	May form combustible dust concentrations in the air												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not normally an inhalation hazard. Skin: May be irritant. Ingestion: May be irritant and laxative.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	0	Minimal	Flammability	0	minimal	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	0	minimal											
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>
Sodium Stearate	822-16-2	Not available	Not available

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4 FIRST AID MEASURES

Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists seek medical attention.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin:	Wash off immediately with soap and plenty of water. Seek immediate medical attention/advice.
Ingestion:	Rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry chemical, foam, carbon dioxide, water spray) for adjacent fire. Do not use direct water jet as it may scatter and spread fire.
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Special protective equipment & precautions for firefighters:	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Flash Points:	>176°C
Specific hazards arising from the chemical:	Carbon monoxide, carbon dioxide, hydrocarbons. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. Ensure adequate ventilation, especially in confined areas. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent entry into waterways, sewers, basements, or confined areas. Do not flush into surface water or sanitary sewer system. See section 12 for additional ecological information.
Methods and material for containment and cleaning up:	Contain and collect spillage with a non-combustible absorbent material, (e.g., sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Prevent dust cloud. Clean contaminated surfaces thoroughly. Take up mechanically, placing in appropriate containers for disposal. Use only non-sparking tools. Avoid creating dust.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapor/spray. Avoid excessive dust in work area and ensure adequate ventilation. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.
Conditions for safe storage, incl. any incompatibilities:	Keep the container tightly closed and in a cool, well-ventilated place. Incompatible materials: strong oxidizing agents

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium Stearate	10 mg/m ³	TWA (inhalable particulate matter)	ACGIH TLV
	3 mg/m ³	TWA (respirable particulate matter)	ACGIH TLV
	10 mg/m ³	TWA (inhalable particulate matter except stearates of toxic metals)	ACGIH TLV
	3 mg/m ³	TWA (respirable particulate matter except stearates of toxic metals)	ACGIH TLV

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 safety glasses with side shields (or goggles).
Inhalation:	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. A dust mask should be worn to protect worker from dusts when dusting occurs.
Body:	Wear protective gloves and protective clothing.

Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine white crystalline powder	Vapor Pressure:	No data available
Odor:	Fatty odor	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH Direct @ 25 °C:	No data available	Flash Point:	>176 °C
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	Unknown	Solubility:	Water: N/A Other solvents: complete
Relative Density:	1.02	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	Unknown

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	None under normal processing.
Conditions to Avoid:	Avoid creating dust. Take precautionary measures against static discharge.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrocarbons

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	No data available
Eyes:	Dust contact with eyes can lead to mechanical irritation.
Respiratory:	Inhalation of dust in high concentration may cause irritation of respiratory system.
Ingestion:	No data available
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
Respiratory/Skin Sensitization:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
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:** 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

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|--|-------------------|
| DOT (Dept. of Transportation, USA): | Not regulated |
| TDG (Transportation of Dangerous Goods, Canada): | No data available |
| IMDG (International Maritime Dangerous Goods): | Not regulated |
| IATA (International Air Transport Association): | No data available |
| ICAO (International Civil Aviation Organization): | Not regulated |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | Complies |
| DSCL (EEC): | Complies |
| WHMIS (Canada): | No data available |
| EU EINECS/ELINCS/NLP: | Complies |
| China IECSC: | Complies |
| China IECIC (06.30.2014): | Complies |
| Australia AICS: | Complies |
| Korea KECL: | Complies |
| Philippines PICCS: | Complies |
| SARA 313: | Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Acute health hazard: No
Chronic health hazard: No |
| SARA 311/312 Hazard Categories: | Fire hazard: Yes
Sudden release of pressure hazard: No
Reactive hazard: No |
| Clean Water Act: | This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to the releases of this material. |
| CERCLA: | |
| California Prop. 65: | This product does not contain any Prop. 65 chemicals. |
| EPA Pesticide Registration: | Number not applicable |

16 OTHER INFORMATION

- Revision Date:** 01/06/2021
- 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.