Stearic Acid

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Stearic Acid  
Distributor: MakingCosmetics.com Inc.  
Address: 10800 231st Way NE Redmond, WA 98053 (USA)

Synonyms: octadecanoic acid, heptadecane-carboxylic acid

INCI Name: Stearic Acid  
CAS Number: 57-11-4

Formula: C_{18}H_{36}O_{2}

Product Form: Solid

Product Use: Cosmetic use

Emergency Telephone Number: 1-800-424-9300 (Chemetrec)

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: Not expected to be irritant.
- Skin: May be irritant.
- Ingestion: May be irritant.

NFPA Ratings (704):
- Health: 1 Slight
- Flammability: 1 Slight
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>57-11-4</td>
<td>Not available</td>
<td>284.4772 g/mol</td>
</tr>
</tbody>
</table>

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 one or two glasses of water to drink. Do not give sodium bicarbonate, fruit juices or vinegar. If gastrointestinal symptoms develop, consult medical personnel.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
- Use water spray, dry chemical, foam, or carbon dioxide. Water may be ineffective
- Special protective equipment & precautions for firefighters:
- Firefighters should wear full protective clothing including self-contained breathing apparatus.
- Flash Points:
- Specific hazards arising from the chemical:

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
- See section 8 for recommendations on the use of personal protective equipment.
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

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearic Acid</td>
<td>Not determined</td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TLV: Threshold Limit Value over 8 hours of work.</td>
<td>IDLH: Immediately Dangerous to Life or Health</td>
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<td></td>
<td></td>
<td>REL: Recommended Exposure Limit</td>
<td>WEEL: Workplace Environmental Exposure Levels</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL: Permissible Exposure Limit</td>
<td>CEIL: Ceiling</td>
</tr>
</tbody>
</table>

Personal Protection:
- Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
- Inhalation: Wear NIOSH approved respiratory protection as appropriate to operating conditions.
- 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: Flakes
- Odor: Oil like odor
- Taste: Not available
- Color: Pale yellow
- Molecular Weight: 284.4772 g/mol
- pH (1% sol. in water): Not available
- Boiling Point: 215°C (419°F)
- Melting Point: 55°C (130°F)
- Vapor Pressure: Approx 10 mmHg at 21°C
- Vapor Density: 9.8
- Evaporation Rate: Not available
- Flammability: Not available
- Upper/lower Explosive Limit: Not available
- Solubility: Insoluble in water
- Flash Point: Not available
- Specific Gravity: Not available

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

- Acute Toxicity: Acute oral toxicity (LD50): Not available
- Skin: May irritate the skin
- Eyes: Non-irritant
- Respiratory: May cause mild irritation
- Ingestion: Toxicity by ingestion is low
- 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: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: 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): 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 stearic acid
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: 01-26-2016
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 suitableness & completeness of such information for his own particular use.