

DMSO STORE™

Safety Data Sheet

Version 5.50

Issue date: 2-20-2023

1. IDENTIFICATION

Product Identifier

Product name Stearic acid
Product code

Recommended use of chemical and restrictions on use:

Recommended use Making Soap, Food additive

Details of the supplier of the safety data sheet

Supplier address DMSO Store Inc.
3580 SW 30th Ave
Fort Lauderdale FL 33312

Emergency telephone number

Company number 954-616-5699
Emergency telephone (24 hr.) 722-834-3947

2. HAZARDS IDENTIFICATION

Classification

Product definition Substance

Classification of Substance Not Hazardous

Other hazards that do not require classification None

3. COMPOSITION/INFORMATION ON INGREDIENTS

| | | |
|--------------|-----------------|----------------|
| Stearic Acid | CAS No. 57-11-4 | % wt. 100 |
| Mixture | | Not applicable |

4. FIRST AID MEASURES

| | |
|---------------------|---|
| <u>Eye Contact</u> | Do not rub eyes. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical attention. |
| <u>Skin Contact</u> | If skin irritation does occur, wash with soap and flush with plenty of water. Remove contaminated clothes and shoes. |
| <u>Inhalation</u> | May cause respiratory irritation, if this occurs, remove to fresh air. |
| <u>Ingestion</u> | If swallowed rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Do not leave the victim unattended. If the victim becomes unconscious, Get medical attention immediately. |

5. FIRE FIGHTING MEASURES

| | |
|--|--|
| <u>Suitable Extinguishing Media</u> | Use extinguishing media suitable for the surrounding fire, such as dry chemical, carbon dioxide or alcohol-resistant foam. |
| <u>Unsuitable Extinguishing media</u> | None. |
| <u>Specific hazards arising from the chemical</u> | The product is combustible at high temperatures. Closed containers may rupture under pressure if exposed to high heat. |
| <u>Products of combustion</u> | None. |
| <u>Protective Equipment and precautions for firefighters</u> | As in any fire, wear SCBA and full protective gear. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protection recommended in Section 8. Ventilate area.

Environmental precautions Prevent entry into waterways, sewers, or soil.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Do not allow runoff. Do not flush spills down the drain.

Methods for clean-up Contain spill. Carefully collect material and place it in the proper container for disposal. Clean the area with soap and water.

7. HANDLING AND STORAGE

Advise on safe handling Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in section 8. Practice good ventilation when handling this material.

Incompatible Materials strong oxidizers, reducing agents, strong alkalis

Storage Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep the container tightly closed to prevent moisture absorption.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate engineering controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Eyewash stations

Individual protections measure, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields

Skin and body protection Wear protective clothing and gloves when handling material. Gloves should be made of material that is impermeable to chemicals and oil.

Respiratory Protection Work in well-ventilated area.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|-------------------------------|-------------------------|
| Physical State | Solid |
| Appearance | White powder |
| Color | Powder |
| Property values pH | No data |
| Melting Point/ Freezing point | 67 ° C |
| Flash Point | N/A |
| Upper Flammability limits | No data |
| Lower Flammability limits | No data |
| Vapor Pressure | No data |
| Boiling Point Range | 361 ° C |
| Relative Density | 0.845 g/cm ³ |
| Water Solubility | No data |
| Odor | None |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| <u>Reactivity</u> | Not reactive under normal conditions |
| <u>Chemical Stability</u> | Stable under recommended storage conditions |
| <u>Hazardous Reactions</u> | May react violently with incompatible materials. |
| <u>Conditions to Avoid</u> | Extreme heat, Incompatible materials, moisture |
| <u>Incompatible materials</u> | Strong oxidizers, reducing agents, strong alkalis |
| <u>Hazardous Decomposition Products</u> | Thermal Oxides of Carbon |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|-------------|---|
| Eye Contact | May cause eye irritation. Signs and symptoms may include redness, swelling, tearing, and blurry vision. |
|-------------|---|

| | |
|--------------|---|
| Skin Contact | May cause skin irritation. Signs and symptoms may include localized redness, swelling, and itching |
| Inhalation | May cause respiratory irritation in high air concentrations. |
| Ingestion | May cause gastrointestinal irritation. Symptoms may include stomach upset, nausea, vomiting and diarrhea. |

Component information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|-------------------|---------------------|----------------------|
| Stearic Acid | > 5,000 mg/kg rat | >2,000 mg/kg rabbit | 0.162 mg/l vapor rat |

Information on physical, chemical, and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and immediate effects as well as chronic effects from short- and long-term exposures

Carcinogenicity This product does not contain any carcinogenic or potential carcinogens as listed by OSHA, IARC

Mutagenicity No genotoxic activity was observed.

12. ECOLOGICAL TOXICITY

| | |
|-----------------------------------|----------------|
| <u>Persistence/ Degradability</u> | No data |
| <u>Bioaccumulation</u> | No data |
| <u>Mobility</u> | Not Determined |
| <u>Other adverse Effects</u> | Not Determined |

13. DISPOSAL CONSIDERATIONS

Disposal Instructions Disposal should be in accordance with applicable regional, national and local laws and regulations

14. TRANSPORTATION INFORMATION

| | |
|------|---------------|
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |

15. REGULATORY INFORMATION

Chemical Inventories

TSCA

All Ingredients are listed in compliance with the chemical notification requirements of TSCA.

US Federal Regulations

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200

SARA 313

Not Listed

CWA (Clean Water Act)

This product does not contain any substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and (40 CFR 122.42). US State Regulations Not determined.

California Proposition 65

This product does not contain any chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Massachusetts

US Massachusetts Right to Know law, no components are listed.

New Jersey

US New Jersey Right to Know Act.

Component: Dimethyl Sulfoxide RTK List SHHS.

Pennsylvania

US Pennsylvania Worker and Community Right to Know law, no components listed.

16. OTHER INFORMATION

NFPA

| Health Hazards | Flammability | Instability | Special Hazards |
|----------------|--------------|-------------|-----------------|
| 0 | 1 | 0 | None determined |

HMIS

| Health Hazards | Flammability | Physical Hazards | Personal Protection |
|----------------|--------------|------------------|---------------------|
| 0 | 1 | 0 | X |

Issue date: 2-20-2023

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guidance for safe handling, use, processing, storage, transportation, and disposal. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

End of Safety Data Report