



SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Glyceryl Stearate SE
 INCI name : Glyceryl Stearate SE
 CAS # : 11099-07-3
 Country of Origin : Asia
 EINECS # : 234-325-6
 Product use : Domestic and Industrial
 Supplier : SOPHIX NATURAL AND AGRO PRODUCTS LTD
 Address : 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling
 Fax : Station, Ojodu Berger, Lagos
 Telephone number : +234 7061111838

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Not classified as dangerous goods.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|----------------------|------------|-------|---------------|
| Glyceryl Stearate SE | 11099-07-3 | - | 100 % |

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Exposure limit values

1,2,3-Propanetriol:

TWA: 10 (mg/m³) from ACGIH (TLV)[US]

TWA: 15 (mg/m³) from OSHA (PEL)[US]

Octadecanoic acid, ester with, potassium salt

TWA: 10 (mg/m³) from ACGIH (TLV)[US]

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-------------------------------|---|--|
| Appearance | : | White to off white flakes. |
| Odor | : | Mild fatty odor. |
| pH | : | 8.5 (3% water) |
| Melting Point/Freezing Point | : | 55 - 62°C. |
| Initial b.p and boiling range | : | > 250°C. |
| Flash point | : | 273°C |
| Relative density | : | 0.85 - 0.86 |
| Solubility (ies) | : | Insoluble in cold and hot water. Soluble in diethyl ether. |

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral (LD50) > 10 g/kg [Rat]

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Slightly hazardous in case of skin contact (irritant).

Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Possible hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

The product itself and its products of degradation are not toxic.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

DSL / NDSL

Octadecanoic acid, ester with 1,2,3-propanetriol, 1,2,3-propanetriol, Octadecanoic acid, potassium salt.

TSCA

This material is manufactured for use as an additive in personal care products and is regulated under the FOOD, DRUG, and COSMETICS ACT (FDA) and is therefore exempt from TSCA inventory listing requirements.

16. OTHER INFORMATION

Revision date : April 21,2022