NIMBASIA
STABILIZERS

SAFTEY DATA SHEET

Issue Date: 01.04.2024 **Version 1**

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

1.1. Product Identifier

Product code	**Glycerol Monostearate**
Product Name	**Glycerol Monostearate**
CAS No.	**31566-31-1**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	Plastic and Polymer processing

1.3. Details of the supplier of the safety data sheet

Manufacturer

Nimbasia Stabilizers
F-172, F-173, Indraprastha Industrial Area,
Road No. 3,
Kota-324005, Rajasthan, India

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1278/2008

This mixture is classified as non-hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

Product identifier

This mixture is classified as non-hazardous according to regulation (EC) 1272/2008 [GHS]

2.3. Other hazards

Not a hazardous substance or mixture

Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1. Substances

Chemical name: Glycerol Monostearate

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove to fresh air
Skin contact	Remove contaminated clothing. Rinse with plenty of water and soap. Seek immediate medical attention/advice
Eye contact	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: Get medical advice/attention
Ingestion	Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	No information available

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media
Substance is high temperature flammable. Use water, carbon dioxide, foam, dry powder

5.2. Special hazards arising from the substance of mixture
May ignite by sparks, heat flames. Carbon dioxide and carbon dioxide may be released by fire

5.3. Advice for firefighters
Wear self-contained breathing apparatus and protective clothing

5.4. Further Information
Avoid dispersion of dust

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Wear suitable protective clothing including a respirator or dust mask. Ensure adequate ventilation.

6.2. Environmental precautions
Untreated chemicals are strictly prohibited to be discharged into the environment

6.3. Methods and materials for containment and cleaning up
Contain spillage, and then collect with non- combustible absorbent materials, (e.g. sand, dry lime, soda ash) and place in container for disposal according to local/ national regulations. It can also be diluted with a large amount of water before release into the waste water system. For large spill, use dike to contain and then collect, transfer, recycle or discard after treatment

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Limit Values
Contains no substances with occupational exposure limit values

8.2.1. Appropriate engineering controls
Closed production area; the use of local exhaust ventilation is recommended to control emissions near the source. Ensure there is eye wash station and emergency shower station nearby.

8.2.2. Individual protection measures, such as personal protective equipment

Hand protection
Wear suitable gloves.

Eye protection
Safety glasses with side shields.

Skin and body protection
Wear suitable protective clothing and gloves.

Respiratory protection
No personal respiratory protective equipment normally required.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
General Information
Appearance (physical state, color, etc.): Waxy, white crystalline solid
Melting point: 55 - 62°C
Boiling point: >350°C @ 760mm Hg
Flash point: >200°C
Density: about 0.84 g/ml at 80°C
Particle Size Distribution: Not applicable
Vapor Pressure: <1.0 mmHg @165°C
Partition coefficient: n-octanol/water: Not Available
Water Solubility: Not Available
Surface Tension: Not Available
Auto Flammability: Not Available
Flammability: Not Available
Explosiveness: Not Available

Oxidizing Properties: Not Available
Stability in organic solvent: Not Available
Dissociation constant: Not Available
Viscosity: Not Available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
No information available

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
None known based on information supplied.

10.5. Incompatible materials
None known based on information supplied.

10.6. Hazardous decomposition products
None known based on information supplied.

Other decomposition products - no data available

Section 11: TOXILOGICAL INFORMATION

11.1. Information on toxicological effects

Acute oral toxicity: LD50 rat
Dose: > 5000 mg/kg
Acute inhalation toxicity: No data available

Skin irritation: Rabbit
Result: Non-irritant

Eye irritation: Rabbit
Result: Non-irritant

Further information: Information given is based on data on the components and the toxicology of similar products.

Section 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity effects	Environmental impact of this product has not been fully investigated
12.2. Persistence and degradability	No Data Available

12.3. Bioaccumulative potential: Inherently biodegradable

12.4. Mobility in soil: No Data Available

12.5. Results of PBT and vPvB assessment: No Data Available

12.6. Other adverse effects: No data available

Section 13: DISPOSAL CONSIDERATION

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Section 14: TRANSPORT INFORMATION

DOT	not regulated
TDG	not regulated
MEX	not regulated
ICAO (air)	not regulated
IATA	not regulated
IMDG	not regulated
RID	not regulated
ADR	not regulated
ADN	not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Hazards: No OSHA Hazards
TSCA Status: All components of this product are listed on EPA TSCA 8(b) inventory list.
SARA 311/312 Hazards: No SARA Hazards

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT-TO-KNOW

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right-to-Know: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right-to-Know: No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right-to-Know: No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

HMIS Rating
Health: 0
Flammability: 1
Reactivity: 0

15.2. Chemical Safety Assessment
Not applicable

Section 16: OTHER INFORMATION

Read the safety data sheet before using the product