



## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical Product and Company Identification

Product Name: Glyceryl Monostearate

CAS#: 123-94-4

Contact information:

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

Product recommendation and limitation of use:

Glycerin monostearate is food emulsifiers and additives; used as emulsifier cosmetics and medicine paste, the paste is exquisite, smooth; silk for industrial oil emulsifier and textile lubricant; used as anti fog agent and anti fogging agent in plastic film; as a lubricant and antistatic agent in plastics processing. It can also used as defoaming agent, dispersing agent, thickening agent, wetting agent etc.

### Section 2 - Hazards Identification

Emergency Overview

OSHA Hazards

No known OSHA hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Skin May be harmful if absorbed

through skin. May cause skin irritation. Eyes May cause eye irritation.

### Section 3 - Composition, Information on Ingredients

Composition

Glyceryl Monostearate

Content

Around 40% CAS No.

123-94-4

### Section 4 - First Aid Measures

Eye Contact:



Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the

contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and

groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing

before reusing.

Serious Skin Contact: Not available.

Inhalation:

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing,

perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

#### **Section 5 - Fire and Explosion Data**

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO<sub>2</sub>).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical

impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray,

fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

#### **Section 6 - Accidental Release Measures**

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading

water on the contaminated surface and allow to evacuate through the sanitary system.

#### **Section 7 - Handling and Storage**

Precautions:



Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapour/spray. Avoid contact with eyes. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

**Storage:**

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

**Section 8 - Exposure Controls/Personal Protection**

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:** Splash goggles. Lab coat.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist

BEFORE handling this product.

**Exposure Limits:** Not available.

**Section 9 - Physical and Chemical Properties**

**Physical state and appearance:** Liquid.

**Odor:** Not available.

**Taste:** Not available.

**Molecular Weight:** 358.56 g/mole

**Color:** Not available.

**pH (1% soln/water):** Not applicable.

**Boiling Point:** Not applicable.

**Melting Point:** 33°C.

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.



Dispersion Properties: Not available.

**Section 10 - Stability and Reactivity Data**

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

**Section 11 - Toxicological Information**

Routes of Entry: Eye contact. Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

**Section 12 - Ecological Information**

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

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

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

**Section 13 - Disposal Considerations**

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Section 14 - Transport Information**

Sea transport(IMDG)

Proper shipping name: Isopropyl myristate

Proper shipping name: Not regulated by DOT.

Hazard class or division: None

Identification NO: None

Packing group: Not applicable

Additional Information: None



HS Code: 2915 70 90

**Section 15 - Other Regulatory Information**

Federal and State Regulations: TSCA 8(b) inventory:Glyceryl Monostearate

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36- Irritating to eyes.

Protective Equipment:

Not applicable. Lab coat. Not applicable. Splash goggles.

**Section 16 - Other Information**

References: Not available.

Other Special Considerations: Not available.

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