



Guangdong Luck-sun Medicine Co., Ltd

Add: Section D, E, F, G, 14th Floor, East Wing, Haijing Tower, No.148,
Huangpu Middle Ave, Guangzhou, GD, 510655

Tel: 86-20-85640085 Fax: 862085626886 Email: melody@luck-sun.com

MATERIAL SAFETY DATA SHEET

GLYCERYL MONOSTEARATE

Company Identification: No.1406, East Wing, Haijing Center, No.148,
Huangpu Middle Ave, Guangzhou,
Guangdong, China 510655

Guangdong Luck-sun Medicine Co., Ltd.

For information, call: 86-20-85640085

1. Product Identification

Synonyms: GMS; Glycerol monostearate

CAS No.: 31566-31-1

2. Composition/Information on Ingredients

Ingredient(s)	CAS Number	% (by weight)
GLYCERYL MONOSTEARATE	31566-31-1	90.0 - 95.0
STEARIC ACID	57-11-4	1.0 - 3.0

3. Hazards Identification

Potential Health Effects

Eye

Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Unlikely to cause eye irritation or injury.

Skin

Unlikely to cause skin irritation or injury. This material is unlikely to pass into the body through the skin.



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Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

This material is a dust or may produce dust. Breathing small amounts of this material is not likely to be harmful.

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways).

Target Organ Effects

No data

Developmental Information

There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact.

4. First Aid Measures

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.



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Skin

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Swallowing

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions).

5. Fire Fighting Measures

Flash Point: 300.0° F (148.8° C) COC

Explosive Limit: Not applicable

Auto-ignition Temperature: No data

Hazardous Products of Combustion:

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards:

Organic dusts can form explosive mixtures in air. No special fire hazards are known to be associated with this product.

Extinguishing Media:

Regular foam, alcohol foam, water fog, carbon dioxide, dry chemical.



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Fire Fighting Instructions:

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health - 1, Flammability - 0, Reactivity - 0

6. Accidental Release Measures

Small Spill

Scoop or scrape up. Put in container for recovery or disposal.

Large Spill

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

7. Handling and Storage

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

8. Exposure Controls/Personal Protection

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)



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Skin Protection

Wear resistant gloves such as: natural rubber, Wear normal work clothing covering arms and legs.

Respiratory Protections

Not required under normal conditions of use.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Exposure Guidelines Component

GLYCERYL MONOSTEARATE (31566-31-1)

No exposure limits established

STEARIC ACID (57-11-4)

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Specific Vapor Density: Not applicable

Specific Gravity: 0.910 @ 77.00° F

Liquid Density: Not applicable

Percent Volatiles: No data

Evaporation Rate: Not applicable

Appearance: No data

State: SOLID

Physical Form: BEADS

Color: WHITE

Odor: No data

pH: Not applicable



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10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information

Dispose of in accordance with all applicable local, state and federal regulations.



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14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

NON-REGULATED BY D.O.T.

NOS Component:

None

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

None listed

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate() Delayed() Fire() Reactive() Sudden
Release of Pressure()

SARA 313 Components - 40 CFR 372.65

None

International Regulations

Inventory Status

Not determined

State and Local Regulations

California Proposition 65

None



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Pennsylvania RTK Label Information
1,2,3-PROPANETRIOL

56-81-5

16. OTHER INFORMATION

Disclaimer:

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