



HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

Cerin GMS SE Glyceryl Monostearate

1. Chemical Product Identification

• **Product Description:**

Glyceryl Monostearate

- Self Emulsifying

• **Chemical Name:**

2,3-Dihydroxypropyl Octadecanoate

• **Synonyms:**

Monostearin; Alpha-monostearin

2. Composition/Information on Ingredients

• **General Composition:**

	CAS #	%
Glyceryl Monostearate	315-66-31-1	>35
Glyceryl Distearate	1323-83-7	<35
Palm Stearin	98106-68-4	<10
Sodium Stearate	822-16-2	<5
Glycerol	56-81-5	<9

3. Hazards Identification

• **Most important hazards:**

This product is not classified as an eye or skin irritant. Avoid prolonged or repeated inhalation exposure.

4. First Aid Measures

• **General:**

In case of doubt, or if symptoms persist consult a physician.

• **Contact with the skin:**

Wash thoroughly with water.

• **Contact with the eyes:**

Wash thoroughly with water.

• **Swallowing:**

Consult a physician immediately.

• **Inhalation:**

In the event of obvious irritation of respiratory tract, consult a physician.

5. Fire Fighting Measures

• **Extinguishing Media:**

CO₂, dry chemical, foam water spray (fog) and halon.

• **Hazardous Combustion Product:**

Combustion may produce CO and CO₂

• **Unusual Fire and Explosion:**

As in any fire, prevent human exposure to fire, smoke, fumes or product of combustion. Fire fighters should wear recommended exposure control equipment including self-contained breathing apparatus. Cool containers with water that are exposed to fire.

6. Accidental Release Measures

• **Personal Precautions:**

Appropriate protective equipment must be worn when handling a spill.

• **If material is released or spilled:**

Sweep or scoop material into container for disposal. Vacuum area or flush with water to remove residue.

7. Handling and Storage

• **Storage:**

Keep container closed when not in use. Avoid container damaged while handling and storage.

Store at ambient conditions away from moisture attack, direct sunlight and source of heat or ignition.

• **Handling:**

Wash thoroughly after handling.

8. Exposure controls/ Personal Protection

• **Respiratory Protection:**

None required under normal conditions of use. NIOSH/MSHA approved respirator if necessary.

• **Protective Clothing:**

Safety glasses with side shields. Use rubber or plastic gloves.

• **Engineering Control:**

Good ventilation in addition to local exhaust ventilation should be provided.

9. Physical and Chemical Properties

Appearance	Light cream beads
State	Solid
Odor	Characteristic odor
% Moisture	2 max.

pH	No data available
Monoglyceride, %	35 min.
Boiling Point	> 200 ^o C
Melting Point	55-60 ^o C
Specific Gravity	No data available
Soap Content, %	5 max.
% Free Fatty Acid	2 max.
% Moisture	2 max.

10. Stability and Reactivity

• **General:**

This product is chemically stable and hazardous polymerisation will not occur.

• **Conditions to avoid:**

Avoid contact with heat, sparks, flame and all other ignition sources.

• **Material to avoid:**

Strong acids, bases and oxidizing agents.

11. Toxicological Information

• **Ingestion:**

LD₅₀ (rat): >12.8 g/kg body weight
Skin Irritation (rabbit): 0.0 (Scale 0-8)

12. Ecological Information

No information available.

13. Disposal Considerations

All recovered material should be packed, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with Good Engineering Practices.

14. Transportation Information

• **Shipping Description:**

Not regulated

• **Packing Group:**

Not Applicable

• **Hazard Class:**

Not Applicable

• **UN #:**

Not Applicable

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15. Regulatory Compliance

- **TSCA:**

No Information

16. Other Information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

DISCLAIMER

"It is in good faith that we offer suggestions on the use of our products and these are based on knowledge we believe are correct and dependable. However, these suggestions are with no guarantee as process and conditions in the use of our products may vary and are beyond our control. We strongly recommend that users of our products verify the appropriateness of our suggestions before using them on a commercial scale".

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