



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
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SAFETY DATA SHEET

Version: 1.0

Revision Date: 12/09/2020

1. Product and Company Identification:

Product: Glyceryl Stearate SE
Item Code: 99388
Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: Glyceryl Stearate SE

Composition: <80% Glyceryl Stearate, <20% Fatty Acids, <10% Potassium Stearate, <10% Glycerin

CAS no: 31566-31-1, 67701-03-5, 593-29-3, 56-81-5

Hazardous Ingredient/s: n/a

4. First Aid Measures:

Inhalation: Remove to fresh air; seek medical attention if irritation persists.

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

5. Fire Fighting Measures:

Suitable Extinguishers: Dry chemical powder or foam

Extinguishers Not to be Used: Water jet

Hazardous Decomposition Products: none



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Special Fire Fighting Procedures: none

6. Accidental Release Measures:

Personal Precautions: none

Environmental Precautions: none

Clean Up Procedure: Sweep up and dispose of according to local regulations. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: n/a

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Use with adequate ventilation

Eye Protection: Wear safety glasses

Skin Protection: Protective clothing is not necessary

9. Physical and Chemical Properties:

Description: White to off-white free flowing flakes; no aroma

Melting Point: 51-61°C/123.8-141.8°F

Flash Point: >200°C/392°F

Solubility in Water (by weight): Insoluble in water

10. Stability and Reactivity:

Condition to Avoid: Avoid direct fire, strong alkalis and strong oxidizers

Materials to Avoid: Strong alkalis and strong oxidizers agents.

Hazardous Decomposition Products: none

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Routes of Entry:



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Oral: None
Derma: Non-toxic
Inhalation: None
Skin: Non-toxic
Eye: Mildly irritant

Toxicity:

Component Name	LD50	LC50
Fatty acids, C16-C18	Oral (rat)>5000 mg/kg bw; Dermal (rabbit)>2000 mg/kg bw;	No data available
Potassium stearate	N/A	N/A
Glycerin	Oral - mouse - 4090mg/kg; Oral - rabbit - 27 mg/kg; Oral - rat -	Inhalation - rat - 1H/> 570 mg/m3
Glyceryl Stearate	Oral LD50: > 5000 mg/kg (mouse); Dermal LD50: > 2000	Fish - LC50, 96h, Brachydanio rerio: >= 10000 mg/L [static].

12. Ecological Information:

General Information: Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants. Is readily biodegradable.

13. Disposal Considerations:

Handling Precautions: None
Method of Disposal: Dispose of accordance with local regulations.
Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

15. Regulatory Information:

US State Regulations
California Proposition 65



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CAS# (67701-03-5) This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CAS# 56-81-5: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CAS# (31566-31-1) This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.