



Section 1. Product and Company Identification

Product Name Glycerol Tricaprylate
CAS Number 538-23-8

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Section 2. Hazards Identification

Classification of the substance or mixture

US Hazard Classification (29CFR 1910.1200-2012): This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard.

GHS/EU CLP Classification (No 1272/2008): Not classified as a hazardous substance.

Other Hazards: None.

Section 3. Composition / Information on Ingredients

Common Name Glycerol Tricaprylate
CAS Number 538-23-8

COMPONENT	CAS NUMBER	CONCENTRATION
Glycerol Tricaprylate	538-23-8	100%

Section 4. First Aid Measures

Description of First Aid Measures

Eye: Flush with large quantities of water. Obtain medical attention if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops.

Inhalation: Remove victim to fresh air. Get medical attention if irritation persists.

Ingestion: No first aid should be required. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if large amount is swallowed.

Most important symptoms and effects, both acute and delayed: Poses little or no health hazard.

Indication of any immediate medical attention and special treatment needed: None required.

Section 5. Firefighting Measures

Extinguishing Media: Use water fog or spray, foam, carbon dioxide, dry chemical or



sand/earth.

Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.

Special Protective Actions for Fire-Fighters

Special Fire Fighting Procedures: If the product is involved with fire, extinguish with water spray, dry chemical or alcohol foam. Keep containers cool by spraying with water if exposed to fire.

Fire Fighting Equipment: As in any fire, wear positive pressure, self-contained breathing apparatus and full protective gear.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective equipment.

Environmental Precautions: Prevent run-off to sewers, streams or other bodies of water. Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up

Small Spill: Stop spill at source, dike area of spill to prevent spreading. Absorb liquid on solid absorbent material and shovel into containers. Wash floors with detergent and rinse with hot water to prevent slipping.

Large Spill: Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water and rinse with hot water to prevent slipping.

Section 7. Handling and Storage

Precautions for Safe Handling: Material may be hot. Take precautions against thermal burns. Avoid mist formation. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wear recommended personal protective equipment. Wash thoroughly after handling. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities: Keep away from heat and flame. Keep container closed when not in use. Store in a dry area. Stainless steel storage tanks are recommended. Lined or unlined mild steel drums are suitable.

Section 8. Exposure Controls / Personal Protection

Control Parameters

Glycerol tricaprylate (as oil mist): 5 mg/m³ TWA OSHA PEL, 5 mg/m³ TWA UK WEL

Exposure Controls

Eye and Face: Chemical safety goggles recommended.



Skin: Neoprene or PVC lined gloves if needed to avoid prolonged contact.

Respiratory: In the presence of mists, the use of an approved respirator is recommended. Follow applicable regulations and good industrial Hygiene practice.

Protective Clothing: Wear protective clothing if needed to avoid contamination of personal clothing.

Work Hygienic Practices: Remove clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling product or clothing containing residual.

Section 9. Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear liquid

Odor: Odorless

Odor Threshold: Not determined

pH: Not determined

Specific Gravity: 0.94 @ 77°F (water = 1)

Boiling Point: >500°F (260°C)

Melting Point: Not determined

Vapor Pressure: <1 mmHg @ 25°C

Water Solubility: Insoluble

Vapor Density: Greater than 1 (air=1)

Evaporation Rate: Nil

Viscosity: 20.9 centistokes at 77°F

Pour Point: Not determined

Flash Point: 246°C (475°F) COC (Cleveland open cup)

Flammable Limits: LEL: Not determined

Autoignition Temperature: Not determined

Flammable Limits: UEL: Not determined

Percent Volatile: 0% (EPA Method 24)

Flammability (solid/gas): Not determined

Partition Coefficient: n-octanol/water: Not determined

Decomposition Temperature: Not determined

Explosive Properties: Not explosive

Oxidizing Properties: Not an oxidizer

Other Information: None

Section 10. Stability and Reactivity

Reactivity: Not reactive

Chemical Stability: Stable

Possibility of Hazardous Reactions: None expected.

Conditions to Avoid: Keep away from temperatures near the flash point. Store away from heat or direct sunlight.



Incompatible Materials: Avoid strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.

Section 11. Toxicological Information

Information on Toxicological Effects

Eye: May cause mild irritation.

Skin: Prolonged skin contact may cause mild irritation.

Skin Absorption: No evidence of adverse effects from available information.

Ingestion: May cause gastrointestinal discomfort if ingested in large quantities.

Inhalation: No adverse effects expected.

Chronic Toxicity: No adverse effects expected.

Acute Toxicity Data: No data available.

Irritation: This product is not expected to cause irritation.

Corrosivity: This product is not a corrosive material.

Sensitization: No data available. Not expected to cause sensitization.

Repeat Dose Toxicity: No data available. No adverse effects are expected.

Carcinogen Status: No data available. None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU CLP.

Mutagenicity: No data available. This product is not expected to present a mutagenic hazard.

Toxicity for Reproduction: No specific data is available. Not expected to be hazardous to reproduction or to the unborn child.

Section 12. Ecological Information

Toxicity: No data available.

Persistence and Degradability: No data is available.

Bioaccumulative Potential: No data is available.

Mobility in Soil: No data available.

Results of PBT and vPvB Assessment: Not required.

Other Adverse Effects: None known

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

US DOT: Not regulated

EU ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated



Special Precautions for User: None

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not determined

Section 15. Regulatory Information

Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture

US Regulations

EPA SARA 311/312 Hazard Classification: Not Hazardous

EPA SARA 313

This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Protection of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA Section 103: This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product is not known to contain chemicals regulated under Proposition 65.

Canadian Regulations

Canadian WHMIS: Not a controlled product. This product has been classified in accordance with the hazard criteria in the CPR and the SDS contains all the information required by the CPR.

Chemical Inventories

US TSCA: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Chemical Safety Assessment: Not required

NFPA

Fire: 1

Health: 0

Instability: 0



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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