

TRI GLYCERIDE

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Triglyceride
INCI Name: Caprylic/capric triglyceride
Chemical Name: Polyoxyethylene (7) glyceryl monococoate
CAS Number: 65381-09-1
EINECS Number:
Origin: organic & synthetic

Eye Contact: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.
Skin Contact: Not expected to be a primary skin irritant.
Prolonged or excessive skin contact with this product may cause mild skin irritation.
Ingestion: No significant adverse effects are expected upon ingestion of the product.

2. PHYSICAL & CHEMICAL PROPERTIES

Flash Point/ Freezing Point: > 260°C / -5°C (23°F)
Specific Gravity, H₂O= 1: 0.949 g/ml
Vapor Pressure, mmHg: not applicable
Vapor Density, Air= 1: not applicable
Evaporation Rate: estim. slower than ethyl ether
Viscosity: 15.9 cST at 40°C
Solubility in Water: soluble (insoluble in oil)
RVOC: 0%
Appearance & Odor: water white liquid, bland odor

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. seek medical attention if symptoms persist.
Ingestion: No need for first aid is anticipated if material is ingested

3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions
Incompatibility: may react with strong oxidizing agents & alkalies
Hazardous Decomposition: None known
Hazardous Polymerisation: will not occur

9. FIRE FIGHTING MEASURES

Flash Point: 260°C (500°F) PMCC
Flammability Limits: None known
Extinguishing Media: Dry chemical, foam, carbon dioxide, water spray. Water stream may splash burning liquid and spread fire.
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

10. TOXICOLOGICAL INFORMATION

Carcinogenicity: Not listed as carcinogenic by IARC, NTP or OSHA.
LD50 Value: Oral LD50 (rat) = > 15'000 mg/kg

5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.
Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

12. TRANSPORT INFORMATION

DOT Proper Shipping Name: refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

7. HAZARD IDENTIFICATION

Inhalation: Exposure via inhalation is not likely. Inhalation of mists or vapors of the products may be irritating to respiratory system.

13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

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