



Section 1. Product and Company Identification

Product Name Methyl Tallowate
CAS Number 67762-38-3

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Section 2. Hazards Identification

Classification of the substance or mixture

Classification (GHS-US): Not classified

Other Hazards: No additional information available

Unknown Acute Toxicity (GHS-US): Not available

Section 3. Composition / Information on Ingredients

Common Name Methyl Tallowate
Synonym(s) Methyl Group includes Methyl Lardate and Methyl Oleate
CAS Number 67762-38-3

COMPONENT	CAS NUMBER	CONCENTRATION
Methyl Tallowate	67762-38-3	100%

Section 4. First Aid Measures

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

Inhalation: When symptoms occur: go into open air and ventilate suspected area.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms and Effects Both Acute and Delayed

General: None expected under normal conditions of use.

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.



Eye Contact: May cause eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed: If exposed or concerned, get medical advice and attention (show the label where possible).

Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Application of water stream to hot product may cause frothing and increase fire intensity. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Contact competent authorities after a spill.



Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Take up large spills with pump or vacuum. Shovel into suitable and closed container for disposal. Collect the residue by means of a non-combustible absorbent material.

Section 7. Handling and Storage

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible Materials: Strong oxidizers. Reducing agents.

Section 8. Exposure Controls / Personal Protection

Control Parameters: For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Gloves. Protective goggles. Protective clothing.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other Information: When using, do not eat, drink or smoke.

Section 9. Physical and Chemical Properties

Physical State: Liquid

Appearance: Light Color-Liquid at room temp

Odor: Slight alcohol odor

Odor Threshold: Not available

pH: Not available



Evaporation Rate: Not available
Melting Point: Not available
Freezing Point: Not available
Boiling Point: Not available
Flash Point, COC: 150 °C (302 °F)
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Flammability (solid, gas): Not available
Lower Flammable Limit: Not available
Upper Flammable Limit: Not available
Vapor Pressure: 2 mm Hg @ 212 °F (100 °C)
Relative Vapor Density at 20 °C: 8.9
Relative Density: Not available
Specific Gravity @ 25 °C (77 °F): 0.880
Solubility: Insoluble
Partition Coefficient: N-octanol/water: Not available
Kinematic Viscosity @ 100 °F (37.8 °C): 4.6 cSt
Explosion Data - Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.

Section 10. Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: The product is stable at normal handling and storage conditions.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flames, sources of ignition, incompatible materials.
Incompatible Materials: Strong oxidizers. Reducing agents.
Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

Section 11. Toxicological Information

Information on Toxicological Effects - Product

Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available

Carcinogenicity: Not classified



Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: May cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data

LD50 Oral Rat: > 2000 mg/kg

Section 12. Ecological Information

Toxicity: No additional information available
Persistence and Degradability: Not established
Bioaccumulative Potential: Not established
Mobility in Soil: Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

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

In Accordance with DOT: Not regulated for transport
In Accordance with IMDG: Not regulated for transport
In Accordance with IATA: Not regulated for transport
In Accordance with TDG: Not regulated for transport

Section 15. Regulatory Information

US Federal Regulations: Listed on the United States TSCA (Toxic Substances Control Act) inventory
US State Regulations: Neither this product nor its chemical components appear on any US state lists.



Canadian Regulations

Methyl Lardate

WHMIS Classification: Uncontrolled product according to WHMIS classification criteria

Fatty acids, C16-18 and C18-unsaturated, methyl esters (67762-38-3): Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification: Uncontrolled product according to WHMIS classification criteria This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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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