



Section 1. Product and Company Identification

Product Name Methyl Oleate
CAS Number 67762-26-9

Parchem - fine & specialty chemicals
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Section 2. Hazards Identification

Classification of the substance or mixture

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

This is not a dangerous substance or mixture according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Not Hazardous

Color: Yellow

Physical State: Liquid

Odor: Mild-fatty

Section 3. Composition / Information on Ingredients

Common Name Methyl Oleate
Synonym(s) Vegetable derived methyl oleate
CAS Number 67762-26-9

COMPONENT	CAS NUMBER	CONCENTRATION
Fatty acids, C14-18 and C16-18-unsatd., Me esters	67762-26-9	100%

Section 4. First Aid Measures

Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician if irritation occurs.

Skin contact: IF ON SKIN: Wash with soap and water.

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Contact a doctor/physician if exposed or you feel unwell.



Most important symptoms and effects, both acute and delayed

Symptoms: None identified.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

Section 5. Firefighting Measures

Suitable extinguishing media: Dry Chemical, Foam, Water spray, Class ABC/BC Fire extinguisher, Carbon Dioxide.

Unsuitable extinguishing media: None identified.

Specific hazards arising from the chemical: None identified.

Hazardous combustion products: Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment.

Environmental precautions

Environmental precautions: Prevent release to surface water.

Methods and material for containment and cleaning up

Methods for Containment: Dike to collect large liquid spills.

Methods for Cleaning Up: Absorb with inert material and transfer to containers for disposal.

Section 7. Handling and Storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: Strong oxidizing agents.



Section 8. Exposure Controls / Personal Protection

Control parameters

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures: Safety Shower; Eyewash station; Ventilation system.

Individual protection measures, such as personal protective equipment

Eye/face Protection: Safety glasses with side-shields.

Skin and Body Protection: Protective gloves. Long sleeved clothing.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State: Liquid

Appearance: Clear

Color: Yellow

Odor: Mild-fatty

Odor threshold: Not determined

Melting point/freezing point: 7°C / 45°F

Flash Point: 168°C / 335°F

Vapor pressure: < 2

Specific Gravity: 0.88 at 25°C

Water Solubility: Insoluble

Decomposition temperature: 98°C

Kinematic viscosity: 5 cSt at 40°C

Explosive Properties: None

Oxidizing Properties: None

Section 10. Stability and Reactivity

Reactivity: Not reactive

Chemical stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Hazardous Reactions: None under normal processing.

Hazardous Polymerization: Hazardous polymerization does not occur.



Conditions to Avoid: Excessive heat.
Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: None identified.

Section 11. Toxicological Information

Information on likely routes of exposure

Product Information: The ingredients of this product do not present an acute toxicity hazard based on published data.

Inhalation: No known hazard.

Eye contact: May cause irritation.

Skin contact: Not irritating to skin.

Ingestion: Ingestion may cause stomach discomfort.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Fatty acids, C14-18 and C16-18-unsatd., Me esters 67762-26-9	> 2g/kg (rat)	-	-

Information on toxicological effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Mutagenic Effects: Did not show mutagenic effects in animal experiments.

Carcinogenicity: Contains no listed human carcinogens at greater than 0.1%.

Section 12. Ecological Information

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Fatty acids, C14-18 and C16-18-unsatd., Me esters 67762-26-9	-	LC50 > 100 mg/L	-	-

Persistence and degradability: Readily biodegradable.

Bioaccumulation/Accumulation: Product does not contain any PBT or vPvB ingredients.

Mobility: Is predicted to have low mobility in the environment.

Other Adverse Effects: May be harmful if a significant amount is released to surface water.



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

DOT: Not regulated
TDG: Not regulated
MEX: Not regulated
IATA: Not regulated
IMDG/IMO: Not regulated

Section 15. Regulatory Information

International Inventories

TSCA: Complies
NDSL: Complies

U.S. Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard: No
Chronic Health Hazard: No
Fire hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

U.S. State Right-to-Know Regulations: This product does not contain any substances regulated by state right-to-know regulations



NFPA

Health Hazard: 1

Flammability: 1

Instability: 0

Physical and Chemical Hazards: N/A

HMIS

Health Hazard: 1

Flammability: 1

Physical Hazards: 0

Personal Precautions: B

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.

REVISION DATE: 2/23/2016

