



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Common Name: Biodiesel
Chemical Name: Fatty Acid Methyl Ester
Formula: C14-C24 Methyl Esters
Chemical Family: CAS No. 67784-80-9

SECTION 2 – INGREDIENTS AND HAZARDOUS CLASSIFICATION

Typical Composition:

Alkyl C14-C24 Methyl Esters	OSHA PEL	ACGH/TLV	Percent
	none	none	99

This product contains no hazardous materials.
 SARA Title III, Section 313: Not Listed

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >400° F
Vapor Pressure (mm Hg): <5 mm Hg @ 72° F
Evaporation Rate: less than .005 versus (Butyl Acetate = 1)
Solubility in Water: insoluble
Appearance and Odor: light to dark yellow clear liquid / light musty odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): 321° F PMCC
Flammable Limits: N/A
HMIS Rating: Health: 0 Fire: 1 Reactivity: 0
Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide.
Special Fire Fighting Procedures: Treat as oil fire.
Unusual Fire and Explosion hazards: Rags soaked with any solvent present a fire hazard and should be stored in an approved UL listed covered container.

SECTION 5 – REACTIVITY DATA

Reactivity: Stable

Conditions to Avoid: Non Known

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition or By-products: Carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur

SECTION 6 – HEALTH HAZARD DATA

Emergency First Aid Procedures:

Ingestion: Rinse mouth with water, contact physician

Eyes: Rinse with water 15 minutes, contact physician

Skin; Rinse with soap and water

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Avoid uncontrolled releases. Contain spilled material. Transfer to secure containers. Use absorbent material if necessary.

Disposal; Dispose of according to Federal, state and/or local regulations

Precautions to be Taken in Handling and Storing: Avoid open flames

Other Precautions: None

SECTION 8 – CONTROL MEASURES

Respiratory Protection: None required

Ventilation: mechanical

Protective Gloves: Rubber

Eye Protection: Safety glasses / splash goggles

Other Protective Clothing or Equipment: None required

SECTION 9 – TRANSPORTATION

DOT Code: N/A

DOT Shipping Name: Fatty acid esters

Other Regulatory: Listed in TSCA inventory

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