



**Western
Biodiesel
Inc.**

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 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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