

reeFUEL BIODIESEL
MATERIAL SAFETY DATA SHEET (MSDS).

Information provided by ABG biodiesel, manufacturers of reeFUEL biodiesel.

February 2006



reeFUEL biodiesel MSDS
Material Safety Data Sheet

Section 1 Product Identification	
Common Name:	Biodiesel
Chemical Name:	Fatty Acid Methyl Ester
Formula:	C8-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 99) This product contains no hazardous materials
SARA Title III, Section 313:	Not listed

Section 3 Physical/Chemical Characteristics	
Boiling Point:	> 250 deg C
Vapor Pressure (mm Hg):	< 5 mm Hg @ 22 deg C

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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):	greater than 120 deg. C 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:	None known
Incompatibility (materials to avoid):	Strong oxidizing agents
Hazardous Decomposition or By-products:	Carbon monoxide, carbon dioxide
Hazardous Polymerization:	Will not occur

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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

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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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