



HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

## ENVIROLUBE MATERIAL SAFETY DATA SHEET

### 1. PRODUCT INFORMATION

General Product Name: **Methyl Ester**  
Synonyms: Biodiesel  
Product Description: Methyl esters from cottonseed oils  
CAS Number: Methyl Soyate: 67784-80-9  
Manufacturer: Sun Drilling Products, Corp. 504 Main Street, Belle Chasse, LA 70027  
Effective Date: January 1, 2005  
DOT Shipping Name: Not Regulated  
Label: Not Regulated  
General Information: (512) 225-4262

### 2. HAZARDOUS INGREDIENTS

Ingredients	CAS#	PEL	STEL	%(Optional)
Methyl alcohol	67-56-1	200 ppm	250 ppm	trace

### 3. PHYSICAL DATA

Boiling Point, 760 mm Hg: >200°C  
Volatiles, % by Volume: <2  
Vapor Pressure, mm Hg: <2 mm HG @72°C  
Specific Gravity: 0.87 @ 25°C  
Evaporation Rate, Butyl Acetate=1: <1  
Vapor Density, Air=1: >1  
Solubility in H<sub>2</sub>O, % by Volume: insoluble  
Appearance and Odor: pale to dark yellow liquid, mild odor

### 4. FIRE FIGHTING MEASURES

Flash Point (Method Used): 130.0° C min (ASTM 93)  
Flammability Limits: None known  
EXTINGUISHING MEDIA: Treat as Oil fire. Use water spray, dry chemical, Foam or Carbon Dioxide.  
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool drums exposed to fire.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

### 5. REACTIVITY

STABILITY: Generally Stable  
HAZARDOUS POLYMERIZATION: None Likely  
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents  
HAZARDOUS DECOMPOSITION PRODUCTS: May form carbon monoxide and carbon dioxide.

### 6. HEALTH HAZARD DATA

#### FIRST AID MEASURES

##### INHALATION:

Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air. Seek medical attention if symptoms persist.

##### EYE CONTACT:

May cause irritation. Irrigate eyes with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

##### SKIN CONTACT:

Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible. Wash exposed areas of the body with soap and water.

##### INGESTION:

No hazards anticipated from ingestion incidental to industrial exposure. Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)



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## 7. SAFE HANDLING AND STORAGE

Store in closed containers between 50°F and 120°F.  
Keep away from oxidizing agents, excessive heat, and ignition sources.  
Store and use in well ventilated areas.  
Do not store or use near heat, spark, or flame, store out of sun.  
Do not puncture, drag, or slide this container.  
Drum is not a pressure vessel; never use pressure to empty.

## 8. CONTROL MEASURES

RESPIRATORY PROTECTION: If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.  
VENTILATION: Mechanical  
PROTECTIVE CLOTHING: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing.  
PVC coated gloves recommended to prevent skin contact.  
OTHER PROTECTIVE MEASURES: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

## 9. REGULATORY CONTROLS

OSHA STATUS:  
This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Sections 2 and 3.

TSCA STATUS:  
This product is listed on TSCA.

CERCLA (Comprehensive Response Compensation and Liability Act):  
NOT reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act):  
Section 312 Extremely Hazardous Substances:  
None  
Section 311/312 Hazard Categories:  
Non-hazardous under Section 311/312  
Section 313 Toxic Chemicals:  
None

RCRA STATUS:  
If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste,  
(40 CFR 261.20-24)

CALIFORNIA PROPOSITION 65:  
The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains no chemicals known to the state of California to cause cancer.

## TRANSPORT INFORMATION

UN HAZARD CLASS: N/A

NMFC (National Motor Freight Classification):  
PROPER SHIPPING NAME: Fatty acid ester  
IDENTIFICATION NUMBER: 144920  
SHIPPING CLASSIFICATION: 65

## 10. HAZARD RATING INFORMATION

### HAZARD RATING

4 = Extreme 0 = Insignificant      Health – 0 Fire – 1; Reactivity – 0

## 11. USERS RESPONSIBILITY

WASTE DISPOSAL:  
Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state and federal disposal regulations.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

## 12. COMPANY CONTACTS

Sun Drilling Products, Corp. 503 Main Street, Belle Chasse, LA, 70027 504-393-2778