

## MATERIAL SAFETY DATA SHEET

### ENVIRO-RITE BOP OIL

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity  
 Product Name: ENVIRO-RITE BOP OIL  
 General or Generic ID: BOP OIL  
 Company: Petro-Rite, Inc.  
 PO Box 3203  
 Lake Charles, LA 70602  
 Emergency Phone Number: 800-424-9300 (CHEMTREC)

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas Number	% (weight)
White Mineral Oil	8042-47-5	GT 98%
Food Grade Anti-Wear, Rust, Oxidation Inhibitors	597-82-0	LT 2%

#### 3. FIRST AID MEASURES

Potential Health Effects  
 First Aid

**Inhalation:** Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If breathing is difficult, 100 percent humidified oxygen should be administered by a qualified individual. Seek medical attention immediately. Keep the affected individual warm and at rest.

**Eye contact:** Check for and remove contact lenses. Flush eyes with cool, low-pressure water while occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

**Skin:** Remove contaminated shoes and clothing. Wipe off excess material. Wash exposed skin with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists. Thoroughly clean contaminated clothing before reuse. Discard contaminated leather goods. If material is injected under the skin, seek medical attention immediately.

**Ingestion:** Do not induce vomiting unless directed by a physician. Do not give anything to drink unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. Seek medical attention immediately.

**Notes to Physician:** In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal.

#### 4. HAZARDS IDENTIFICATION

Major Route(s) of Entry – Skin contact.

Signs and Symptoms of Acute Exposure

**Inhalation:** No significant adverse health effects are expected to occur upon short-term exposure.

**Eye Contact:** No significant eye irritation is expected upon short-term exposure.

**Skin Contact:** No significant irritation is expected to occur upon short-term exposure.

**Ingestion:** If swallowed, no significant adverse health effects are anticipated. Ingestion can cause a laxative effect. If aspirated into the lungs, liquid can cause lung damage.

Chronic Health Effects Summary: No significant signs or symptoms indicative of any adverse health effects are expected to occur.

Conditions Aggravated by Exposure: None known.

Target Organs: Contains material which causes damage to the following organs: skin.

Carcinogenic Potential: This product does not contain any components at concentrations above 0.1% which are considered carcinogenic by OSHA, IARC or NTP

## 5. TOXICOLOGICAL INFORMATION

Toxicity Data: White Mineral Oil:  
ORAL (LD50): Acute: >5000 mg/kg (Rat).  
DERMAL (LD50): Acute: >2000 mg/kg (Rabbit).  
White Mineral Oil:  
Low-Viscosity and High-viscosity White Mineral Oils:  
ORAL (LD50), Acute: >5000 mg/kg (Rat).  
DERMAL (LD50), Acute: >2000 mg/kg (Rabbit)  
DRAIZE EYE, Acute: Non-irritating (Rabbit)  
DRAIZE DERMAL, Acute: Non-irritating (Rabbit)  
BUEHLER, Acute: Non-irritating (Guinea Pig).  
28-Day DERMAL, Sub-Chronic: Non-irritating (Rabbit)  
104-Week DERMAL, Chronic: No skin tumors at site of application (Mouse).  
MUTAGENICITY: Modified Ames Assay: Negative (Salmonella typhimurium).  
In-Vitro Lymphoma Assay: Negative or no toxicity (Mouse).

## 6. FIRE FIGHTING MEASURES

Flash Point: 176 C

Extinguishing Media: DRY CHEMICAL CO2 WATERSPRAY FORM

Special Fire Fighting Procedures: Self-contained breathing apparatus is recommended for fire fighters. Water-Spray must be used with caution to prevent spread of flames.

## 7. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off leak, dike spills, and absorb inert material such as sand, earth, or vermiculite.

DISPOSAL METHOD: SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL EPA REGULATIONS.

## 8. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Keep away from heat and flame.

Materials Incompatibility: Strong oxidizers.

Hazardous Decomposition Products: No additional hazardous decomposition products were identified.

## 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: N/A

Respiratory Protection: N/A

Protective Clothing: N/A

Eye Protection: CHEMICAL SPLASH GOGGLES

## 10. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: IBP>230

Specific Gravity: <1.0

PETRO-RITE, INC.

Vapor Pressure:	mm Hg at *c <.5MM
Vapor Density:	air=1) N/A
Solubility in Water:	NEGLIGIBLE
Percent Volatile:	NIL@25C
Evaporation Rate n-Butyl acetate=100:	NIL@25C
Appearance:	GREEN LIQUID
Odor:	NO ODOR

11. TRANSPORT INFORMATION

DOT Status:	Not a U.S. Department of Transportation regulated material.
Proper Shipping Name:	Not regulated.
Hazard Class:	Not regulated.
Reportable Quantity:	A Reportable Quantity (RQ) has not been established for this material.
Placards:	Not applicable.

12. STABILITY AND REACTIVITY    Stable X    Unstable \_\_\_\_\_

Conditions to avoid: EXTREME HEAT AND OPEN FLAME  
Incompatibility (materials to avoid) STRONG ACIDS, ALKALIES, AND OXIDIZERS  
Hazardous decomposition products UPON COMBUSTION, CO<sub>2</sub> AND CO ARE GENERATED  
Hazardous polymerization may occur \_\_\_\_\_  
Hazardous polymerization will not occur X

\*\*\*\*\* END OF MSDS \*\*\*\*\*