



High Performance BioBased Lubricants

MATERIAL SAFETY DATA SHEET

BioBlend enviromax™

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Company Identification:

BioBlend Renewable Resources, LLC
2439 Reeves Road
Joliet, IL 60436

Emergency Contact:

BioBlend 630-227-1800

Health Emergency:

Contact the Local Poison Control Center.

Product Name: enviromax™

Product Family: BioBlend

Date: 9/10/2012

Health HMIS 0

Flammability HMIS 1

Reactivity HMIS 0

Personal Protection HMIS B

SECTION 2: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

Ingredients:

Not Classified as Hazardous

CAS#

Weight:

SECTION 3: HAZARDS IDENTIFICATION

Overexposure (Acute): GENERAL: Low oral and dermal toxicity.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Inhalation: None known.

Ingestion: May cause stomach discomfort, nausea and vomiting.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water for 15 minutes. Get medical attention if irritation develops.

Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists.

Inhalation: Vapor inhalation under ambient conditions is not normally a problem. If overcome by vapors from overheated product, remove to fresh air. Give artificial respiration or oxygen if necessary. Get medical attention if discomfort continues.

Ingestion: Product is non-toxic. If nausea occurs seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: >425°F

Extinguishing Media: Water fog, dry chemical, foam or CO2.

Fire Safety Procedure: Wear self-contained breathing apparatus and full turn out gear to fight fire. Use water to keep exposed containers cool and disperse vapors. Avoid spreading liquid and fire by water flooding.

Unusual Fire Hazard: Pressure will build in closed containers. Cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES / DISPOSAL

- Environmental Impact:** This product is >70% biodegradable, non-toxic, and is not expected to have adverse effects on humans or the environment, including fish and wildlife.
- Procedures for Spill:** Seek direction from federal, state and local authorities in the event of an unintentional release to the environment. Evacuate non-essential personnel. Personal protective equipment (see Section 8) must be worn. Remove sources of ignition. Ventilate spill area. Prevent intentional entry into sewers and waterways. Pick up free material for
- Waste Management:** Dispose of according to federal, state and local regulations.

SECTION 7: HANDLING AND STORAGE

- Handling Procedures:** Wash hands thoroughly after handling material. Avoid contact with skin and eyes.
- Storage Procedures:** Do not store near potential sources of ignition. Store in a well ventilated area.
- Incompatible Products:**

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- Protective Equipment:** Impermeable gloves, splash goggles, eye wash and safety shower.
- Respiratory Protection:** If overheated, use approved respiratory protective equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance / Odor:** Light Amber; mild odor. **Vapor Pressure:** Not Determined.
- Specific Gravity:** .908 **Freezing Point:** -30F
- Solubility in H₂O, % by Volume:** Negligible **Volatiles, % by Volume:** Not Determined
- Boiling Point, 760 mm Hg:** Not Determined. **Evaporation Rate, Butyl Acetate=1:** Not Determined

SECTION 10: STABILITY AND REACTIVITY

- Thermal Stability:** Stable. **Hazardous Polymerization:** Will not occur.
- Hazardous Decomposition Products:** In the case of incomplete combustion, will produce oxides of carbon and carbon dioxide.
- Materials to Avoid:** Strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

- Toxicological Information:** Under EPA-821-R-02-012 achieved an LC50 of >23,000 PPM for Rainbow Trout

SECTION 12: TRANSPORTATION INFORMATION

- U.S. DOT:** Not regulated by DOT as a hazardous material. **TDG (Canada):**

SECTION 13: REGULATORY INFORMATION

- U.S. TSCA Inventory:** All components of this product are listed on the TSCA inventory.
- Calif Prop 65:** Not Listed.
- SARA Extremely Hazardous Sub:** Not listed as such.
- SARA Section 313:** Does not contain any 313 ingredients.
- CERCLA Hazardous Substances:** No reportable quantity for this product or its components.
- RCRA Status:**

SECTION 14: OTHER INFORMATION

The information presented herein has been compiled from sources considered to be reliable and is accurate to the best of BioBlend's knowledge; however, BioBlend makes no warranty whatsoever, expressed or implied, of merchantability or of fitness for a particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. BioBlend assumes no responsibility for injury to recipient or to third persons or for any damage to property; recipient assumes all such risks.