



High Performance BioBased Lubricants

MATERIAL SAFETY DATA SHEET

BioBlend BioBlend PO

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: BioBlend PO

Product Family: BioBlend

Date: 2/10/2008

Health HMIS 1
Flammability HMIS 2
Reactivity HMIS 0
Personal Protection HMIS D

SECTION 2: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

Ingredients:	CAS#	Weight:
Not Classified as Hazardous		

SECTION 3: HAZARDS IDENTIFICATION

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

Eye Contact: May cause irritation. Irrigate eye 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.

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.

Ingestion: No hazards anticipated from ingestion incidental to industrial exposure.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water for 15 minutes. Call physician 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 exposure, remove victim to fresh air. Give artificial respiration or oxygen if necessary. Get medical attention if discomfort continues.

Ingestion: If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: >500 F

Extinguishing Media: Dry chemical, foam, halon, CO2, water spray (fog). Water stream may splash the burning liquid and spread fire.

Fire Safety Procedure: Use water spray to cool drums exposed to fire.

Unusual Fire Hazard: 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES / DISPOSAL

- Environmental Impact:** This product is >95% biodegradable, non-toxic, and is not expected to have adverse effects on humans or the environment, including fish and wildlife.
- Procedures for Spill:** Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.
- 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:** 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.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odor:	Pale yellow liquid, mild solvent odor	Freezing Point:	0 C
Specific Gravity:	<1.0	Solubility in H₂O, % by Volume:	Not Determined.
Boiling Point, 760 mm	Not Determined.	Volatiles, % by Volume:	Not Determined.
Vapor Pressure:	Not Determined.	Evaporation Rate, Butyl Acetate=1:	Not Determined.

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

- Toxicological Information:** No experimental toxicological data on the product as such are available.

SECTION 12: TRANSPORTATION INFORMATION

- U.S. DOT:** Not regulated by DOT as a hazardous material.

SECTION 13: REGULATORY INFORMATION

- U.S. TSCA Inventory:** All components of this product are listed on the TSCA inventory.
- 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.
- Calif Prop 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.
- 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.

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.