

## 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:** **BioBlendPO<sup>Aerosol</sup>**

**Health HMIS** 1

**Flammability HMIS** 2

**Reactivity HMIS** 0

**Personal Protection HMIS** D

**Product Family:** **BioBlend**

**Date:** 3/26/2010

## SECTION 2: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

**Ingredients:**

Isopropyl Alcohol  
Carbon Dioxide

**CAS#**

67-63-0  
124-38-9

30-50  
1-10

**OSHA**

**ACGIH**

## SECTION 3: HAZARDS IDENTIFICATION

**Overexposure (Acute):** Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

**Eye Contact:** May cause eye irritation.

**Skin Contact:** May cause skin irritation.

**Inhalation:** Prolonged exposure to high vapor concentration can cause headache, nausea, dizziness and central nervous system depression. In rare cases, may sensitize heart muscles and cause arrhythmia.

**Ingestion:** May cause stomach discomfort, nausea and vomiting.

## SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush eyes with water for 15 minutes. Call physician if irritation develops.

**Skin Contact:** 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:** 53 F

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

**Fire Safety Procedure:** Heat from fire can generate flammable vapor. Vapors can burn in open or explode if confined, and can travel along ground before igniting. Always drain and flush systems with water before welding or maintenance.

**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**

<b>Appearance / Odor:</b>	Pale yellow liquid, mild solvent	<b>Freezing Point:</b>	Not Determined
<b>Specific Gravity:</b>	<1.0	<b>Solubility in H<sub>2</sub>O, % by Volume:</b>	Not Determined.
<b>Boiling point, 760 mm Hg:</b>	Not Determined.	<b>Volatiles, % by Volume:</b>	33.67%
<b>Vapor Pressure:</b>	Not Determined.	<b>Evaporation Rate, Butyl Acetate=1:</b>	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.