



High Performance BioBased Lubricants

MATERIAL SAFETY DATA SHEET

BioBlend BioGrease HD^{#1}

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: BioGrease HD^{#1}

Product Family: BioBlend

Date: 03/29/2011

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#

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: Not expected to be a problem if small amounts are ingested. Ingestion of larger amounts 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: 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: DO NOT INDUCE VOMITING. Get medical attention if discomfort persists.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: >520°F

Extinguishing Media: Use CO2, dry chemicals, sand, dolomite, etc.; alcohol resistant foam, water spray, fog or mist.

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: Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind or expose to heat, sparks or flame.

SECTION 6: ACCIDENTAL RELEASE MEASURES / DISPOSAL

Environmental Impact: This product is >65% biodegradable, non-toxic, and is not expected to have adverse effects on humans or the environment, including fish and wildlife.

Procedures for Spill: Shovel up free material for recycle or disposal. Absorb residual liquid with inert material. Dispose of at an appropriate waste disposal facility in accordance with applicable laws and regulations.

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:

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:	Amber semi-solid/ vegetable oil odor	Freezing Point:	-15F
Specific Gravity:	Not Determined	Solubility in H₂O, % by Volume:	Not Determined.
Boiling Point, 760 mm	>550F	Volatiles, % by Volume:	Not Determined.
Vapor Pressure:	N/A	Evaporation Rate, Butyl Acetate=1:	Not Determined.

SECTION 10: STABILITY AND REACTIVITY

Thermal Stability: Stable under normal storage and handling conditions.

Materials to Avoid: Strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: In the case of incomplete combustion, will produce oxides of carbon, sulfur and CO₂.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: This product is composed of 90% Bio-Based content, per ASTM D6866.

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: Not Listed.

RCRA Status:

SECTION 14: OTHER INFORMATION

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