

## SECTION 1: IDENTIFICATION

### *Company Information:*

BioBlend Renewable Resources, LLC  
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Park Ridge IL, 60068  
(888) 246-2563  
www.bioblend.com

### *Emergency Contact Information:*

(888) 246-2563  
8 AM - 4 PM, Monday through  
Friday

Product Name	BioGrease HDS XT 1, 2
Product Description	Biodegradable Extra Tacky Heavy Duty Lithium Grease No. 1 & 2
Product Use	Product is intended for use as an industrial lubricating grease.

## SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Statement	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard, which has been updated to align with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
Prevention/Precautionary Statements	PREVENTION: Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection when handling product. STORAGE: Keep Container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Store locked up and only in approved containers. Keep away from any incompatible material. Protect container(s) against physical damage.
Hazard Classification	Not applicable
Hazards not otherwise classified	None known
Unknown Toxicity Statement	<1% of the mixture consists of ingredients with unknown toxicity

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Sulfurized isobutylene	68511-50-2	1 - 5%
Quinoline Polymer	26780-96-1	1 - 5%
Alkylmercaptothiadiazole	PROPRIETARY	<1%

The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is indicated as "PROPRIETARY" or "MIXTURE", information has been withheld as a trade secret.

## SECTION 4: FIRST AID MEASURES

First Aid - Inhalation	Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
First Aid - Eye Contact	Rinse eyes and under eyelids immediately with water for at least 15 minutes.
First Aid - Skin Contact	Wash effected area immediately with soap and water. Remove and wash contaminated clothing before re-use.
First Aid - Ingestion	If swallowed, seek medical attention immediately and show product container or Safety Data Sheet to appropriate individuals. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Recommendations for immediate medical care/special treatment	Physicians should treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media	Dry chemical, CO <sub>2</sub> , water spray or 'alcohol' foam
Unsuitable extinguishing media	None known
Specific hazards that may develop	None known

**Special firefighting equipment/precautions**

Firefighters should use all standard protective gear including a pressure-demand self contained breathing apparatus (MSHA/OSHA approved or equivalent) and full protective gear. Water mist may be used to cool closed containers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Ensure adequate ventilation. Do not breathe vapor/dust. Use the appropriate personal protective equipment to avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

**Emergency procedures**

None Known

**Methods and material for containment**

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material and remove any ignition sources. Use only non-sparking tools and ensure adequate ventilation. Notify the proper authorities.

**Cleanup procedures**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Provide sufficient air exchange and/or exhaust in work rooms. In the case of insufficient ventilation, wear suitable respiratory equipment. Do not breath spray mist or vapors. Wear recommended personal protective equipment to avoid contact with eyes, skin and clothing and wash thoroughly after handling.

**Storage recommendations**

Store at room temperature in the original container away from incompatible materials and potential sources of ignition.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits**

Contains no exposure limits

**Engineering controls**

Ensure adequate ventilation

***Recommended Personal Protective Equipment:***

**Eye/Face Protection**

Safety glasses with side shields should be worn when handling product.

<b>Respiratory Protection</b>	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.
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<b>Skin/Body Protection</b>	Long sleeved clothing should be worn along with neoprene, latex, nitrile, butyl rubber or polyethylene type gloves.
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Amber liquid
<b>Odor</b>	Characteristic
<b>Odor Threshold</b>	No information available
<b>pH</b>	Not applicable
<b>Melting Point/ Freezing Point</b>	No information available
<b>Initial Boiling Point/ Range</b>	No information available
<b>Flash Point</b>	>520° F (>270° C)
<b>Fire Point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability</b>	No information available
<b>Flammability, upper limits</b>	No information available
<b>Flammability, lower limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	Not available
<b>Solubility(ies)</b>	No information available

<b>Solubility in water</b>	<b>Insoluble</b>
<b>Partition coefficient: n-octanol/water</b>	<b>No information available</b>
<b>Auto-ignition temperature</b>	<b>No information available</b>
<b>Decomposition temperature</b>	<b>No information available</b>
<b>Viscosity @ 40C, cSt</b>	<b>255 (1), 320 (2)</b>

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	<b>This product is stable and non-reactive under normal conditions of use, storage, handling and transportation.</b>
<b>Stability</b>	<b>This product is chemically stable under normal conditions of use, storage, handling and transportation.</b>
<b>Possibility of hazardous reactions</b>	<b>Hazardous polymerization will not occur.</b>
<b>Conditions to avoid</b>	<b>None known</b>
<b>Incompatible materials</b>	<b>Strong oxidizing agents</b>
<b>Hazardous decomposition products</b>	<b>Carbon oxides, oxides of phosphorus, nitrogen oxides, sulphur oxides, smoke</b>

## SECTION 11: TOXICOLOGICAL INFORMATION

### ***Potential health effects:***

<b>Inhalation</b>	<b>May cause irritation of respiratory tract</b>
<b>Eye contact</b>	<b>Contact with eyes may cause irritation</b>
<b>Skin contact</b>	<b>Prolonged contact may cause redness and irritation</b>

Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
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***Symptoms or effects, including acute and delayed:***

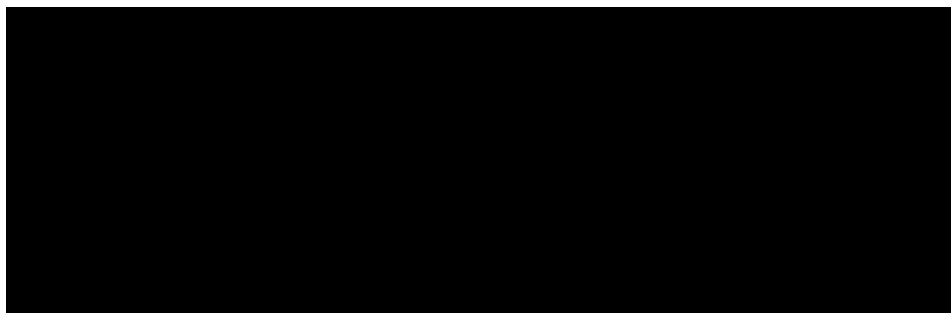
Inhalation	None known or expected under normal use.
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Eye Contact	None known or expected under normal use.
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Skin Contact	None known or expected under normal use.
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Ingestion	None known or expected under normal use.
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**Toxicological effects:**



NTP Report on Carcinogens	Not listed
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IARC listing of potential carcinogens	Not listed
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OSHA listing of potential carcinogens	Not listed
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## SECTION 12: ECOLOGICAL INFORMATION

OECD 301B Biodegradability	>75%
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Bioaccumulation	Information not available
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OECD 201 Algae, EC50, 96hr, mg/L	>25,000
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OECD 202 Daphnid, EC50, 96hr, mg/L	>13,000
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OECD 203 Fathead Minnow, LC50, 96hr, mg/L	>40,000
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## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal considerations	Dispose of contents and container in accordance with all international, federal, state, regional and local regulations.
Waste from residues/ unused products	Dispose of waste from residues/unused product in accordance with all international, federal, state, regional and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory
	Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed metal containers to help prevent combustion.
Contaminated packaging	Do not re-use empty containers

## SECTION 14: TRANSPORT INFORMATION

US DOT	Not regulated
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TDG (Canada)	Not regulated
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ICAO	Not regulated
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IMDG	Not regulated
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IATA	Not regulated
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## SECTION 15: REGULATORY INFORMATION

US TSCA Inventory	This product complies with TSCA inventory.
California Prop. 65	May contain trace amounts of listed chemicals: toluene, benzene, di-n-butyl phthalate
SARA Extremely Hazardous Substances	Not listed
SARA Section 313	Not listed
CERCLA Hazardous Substances	No reportable quantity for this product or its components

## SECTION 16: OTHER INFORMATION

Revision date 12-3-2024



This product's safety information is provided to assist our customers in assessing compliance with safety, health and environmental regulations. The information contained within this document is based on data available to us and is believed to be accurate at the time of last revision. However, no warranty of use or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of this product. Whereas the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of this product. Such conditions must comply with with all regulations concerning this product. BioBlend Renewable Resources, LLC assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to gross negligence on the part of BioBlend Renewable Resources, LLC.