

Section 1: Identification

Company Information

BioBlend Renewable Resources, LLC.
1500 Jarvis Ave.
Elk Grove Village IL, 60007

Emergency Contact Information

630.227.1800
8:00 AM – 4:00 PM Monday - Friday

Product Name BioGrease FG APS 200
Product Description Synthetic All Purpose Grease
Product Use General Medium to Heavy-Duty Industrial Use

Section 2: Hazard(s) Identification

Hazard Statement Not classified as hazardous in accordance with paragraph (d) of §1910.1200
Precautionary Statements None Identified
Hazard Classification Not hazardous under OSHA regulations
Hazards not Otherwise Classified None Identified
Unknown Toxicity Statement None Identified

Section 3: Composition / Information on Ingredients

Components	CAS No.	Weight %
No Hazardous Chemicals		

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

Inhalation This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

Eye Contact Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin Contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
Recommendations for Immediate Medical Care / Special Treatment	Physicians should treat symptomatically. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Section 5: Firefighting Measures

Suitable Extinguishing Media	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards That May Develop	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Special Firefighting Equipment / Precautions	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, Calcium oxides, Sulfur oxides, Hydrocarbons

Section 6: Accidental Release Measures

Personal Precautions	No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.
Containment/Cleanup Procedures	Collect and discard in accordance with local, state and national regulations.

Section 7: Handling and Storage

Precautions for Safe Handling	Mildly irritating material. Avoid unnecessary exposure.
Storage Recommendations	Store in a cool dry place. Isolate from incompatible materials.
Materials to Avoid	Strong oxidizing agents.

Section 8: Exposure Controls / Personal Protection

Exposure Limits - OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No data available				

Engineering Controls No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Recommended Personal Protective Equipment:

Eye / Face Protection Wear safety glasses when handling this product.

Respiratory Protection Under normal conditions, a respirator is not normally required. If vapors, mists or aerosols are generated, wear a NIOSH approved respirator.

Skin / Body Protection Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves Chemically resistant gloves

Section 9: Physical and Chemical Properties

Appearance Viscous liquid / off white

Odor Mild / petroleum type

Odor Threshold No data available

pH No data available

Melting Point / Freezing Point No data available

Initial Boiling Point / Range No data available

Flash Point > 466° F (230° C)

Evaporation Rate No data available

Flammability No data available

Flammability Upper Limits No data available

Flammability Lower Limits No data available

Vapor Pressure No data available

Vapor Density	No data available
Relative Density	1.01
Solubility(ies)	Negligible; 0 – 1%
Solubility in Water	No data available
Partition Coefficient n-octanol / water	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	Typically 155000 – 245000 cP
Volatiles % by weight	0.45
VOC, material, lb/gal,	0
VOC, material, grams/liter	0
VOC minus exempt solvents & water g/L	0

Section 10: Stability and Reactivity

Reactivity	Not expected to be reactive
Stability	Stable under normal conditions
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. contamination.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

Section 11: Toxicological Information

Potential Health Effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Eye contact
Symptoms related to the physical, chemical and toxicological	No data available

characteristics:

Symptoms or Effects Including Acute and Delayed:

Inhalation	No data available
Eye Contact	Can cause minor irritation, tearing and reddening.
Skin Contact	Can cause minor skin irritation, defatting, and dermatitis.
Ingestion	Estimated to be > 5.0 g/kg; practically non-toxic

Toxicological Effects:

Acute Toxicity	No data available
Skin Corrosion / Irritation	Can cause minor skin irritation, defatting, and dermatitis.
Serious Eye Damage / Irritation	Can cause minor irritation, tearing and reddening.
Respiratory Sensitization	No data available
Skin Sensitization	None known
Germ Cell Mutagenicity	No data available
Carcinogenicity	There are no carcinogenic ingredients present at or over 0.1%.
Reproductive Toxicity	No data available
STOT – Single Exposure	Based on available data, the classification criteria are not met.
STOT – Repeated Exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No Data Available			

NTP – Report on Carcinogens

IARC Listings of Potential Carcinogens

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

OSHA Listings of Potential Carcinogens

Section 12: Ecological Information

Ecological Toxicity Data:				
Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available				

Ecotoxicity (aquatic and terrestrial, where available): No data available

Persistence and degradability: No data

Bioaccumulative potential: No data available
 Mobility in soil: No data available
 Other adverse effects (such as hazardous to the ozone layer): No data available

Section 13: Disposal Considerations

Disposal Considerations Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with product or used container. Dispose of empty containers in accordance with all Local, State and Federal regulations.

Waste From Residues / Unused Products Spent or discarded material is not expected to be a hazardous waste. Dispose of in accordance with Local, State and National regulations.

Contaminated Packaging Dispose of in accordance with Local, State and National regulations.

Section 14: Transport Information

Domestic Ground in containers <= 119 GL Grease/Non-Hazardous
 Domestic Ground in containers > 119 GL Grease/Non-Hazardous
 Shipping name for Export, Air (IATA) Grease/Non-Hazardous
 Shipping name for Export, Sea (IMDG) Grease/Non-Hazardous
 Marine Pollutant? No

Section 15: Regulatory Information

Status of formula components on selected national regulatory inventories:

List	Status
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt.

Chemical Name	CAS #	Regulation	Percent
Crystalline silica	14808-60-7	Prop. 65 - Cancer	TRACE

Prop. 65 - Developmental and/or Reproductive Contains no components from California Prop. 65 - Developmental/Reproductive list

SARA Extremely Hazardous Substances No SARA 302 EHS-listed chemicals in this product.

SARA Section 313

No 313-listed chemicals in this product.

CERCLA Hazardous Substances

No CERCLA-listed chemicals in this product.

Section 16: Other Information

Revision Date

06-04-2021

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