

SECTION 1: IDENTIFICATION

Company Information:

BioBlend Renewable Resources, LLC
311 B Ave
Grundy Center, IA 50638
319-824-5203
www.bioblend.com

Emergency Contact Information:

(630) 227-1800
8 AM - 4 PM, Monday through
Friday

Product Name	BioGrease PPG 0
Product Description	Biodegradable Plunger Packing Grease No. 0
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).
Precautionary Statements	Not applicable
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

This product does not contain any hazardous ingredients as defined under 29 CFR 1910.1200.

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. If symptoms persist, consult a physician.
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, CO₂, 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 and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

Emergency procedures

None Known

Methods and material for containment

Use inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) as directed by manufacturer for containment of spills.

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.

Respiratory Protection

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.

Skin/Body Protection Long sleeved clothing should be worn along with neoprene, latex, nitrile, butyl rubber or polyethylene type gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent Light Brown
Odor	Mild
Odor Threshold	No information available
pH	Not applicable
Melting Point/ Freezing Point	No information available
Initial Boiling Point/ Range	No information available
Flash Point	> 610° F (>320° C)
Fire Point	
Evaporation rate	No information available
Flammability	No information available
Flammability, upper limits	No information available
Flammability, lower limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	Not information available
Solubility(ies)	No information available
Solubility in water	Insoluble

**Partition coefficient:
n-octanol/water** **No information available**

**Auto-ignition tempera-
ture** **No information available**

**Decomposition temp-
erature** **No information available**

Viscosity @ 40C, cSt **28 mm²/s**

SECTION 10: STABILITY AND REACTIVITY

Reactivity **This product is stable and non-reactive under normal conditions of use, storage, handling and transportation.**

Stability **This product is chemically stable under normal conditions of use, storage, handling and transportation.**

**Possibility of hazard-
ous reactions** **Hazardous polymerization will not occur.**

Conditions to avoid **None known**

**Incompatible mater-
ials** **Strong oxidizing agents**

**Hazardous decomp-
osition products** **None under normal use**

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects:

Inhalation **May cause irritation of respiratory tract**

Eye contact **Contact with eyes may cause irritation**

Skin contact **Prolonged contact may cause redness and irritation**

Ingestion **Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.**

Symptoms or effects, including acute and delayed:

Inhalation **None known or expected under normal use.**

Eye Contact **None known or expected under normal use.**

Skin Contact **None known or expected under normal use.**

Ingestion **None known or expected under normal use.**

Toxicological effects:

Sensitization	No information available
Mutagenic effects	No information available
Reproductive Toxicity	No information available
Developmental Toxicity	No information available
Teratogenic	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration Hazard	No information available

NTP Report on Carcinogens **There are no known carcinogenic chemicals in this product.**

IARC listing of potential carcinogens **Not listed**

OSHA listing of potential carcinogens **Not listed**

SECTION 12: ECOLOGICAL INFORMATION

OECD 301B Biodegradability **>60%**

Bioaccumulation **Information not available**

OECD 201
Algae, EC50, 96hr,
mg/L **>32,000 PPM**

OECD 202
Daphnid, EC50, 96hr,
mg/L **>26,000 PPM**

OECD 203
Fathead Minnow, LC50,
96hr, mg/L **>56,000 PPM**

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**

TDG (Canada) **Not regulated**

ICAO **Not regulated**

IMDG **Not regulated**

IATA **Not regulated**

SECTION 15: REGULATORY INFORMATION

US TSCA Inventory	This product complies with TSCA inventory.
California Prop. 65	Not listed
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 6_28_2018



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