

SECTION 1: IDENTIFICATION

Company Information:

BioBlend Renewable Resources, LLC
1500 Jarvis Ave.
Elk Grove Village, IL 60007
(630) 227-1800
www.bioblend.com

Emergency Contact Information:

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

Product Name	BioGrease FS 1
Product Description	Synthetic Low Temperature Grease No. 1
Product Use	Product is intended for use as an industrial lubricating grease.

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Statement This chemical is 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).

Causes serious eye irritation



WARNING

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.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing if eye irritation persists and seek medical advise/attention.

Hazard Classification Serious eye damage/eye irritation - Category 2A

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 %
Triethylene glycol monobutyl ether	143-22-6	1-5%

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.
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 when chemical burns **None known**

Special firefighting equipment/precautions **Firefighters should use all standard protective gear including a self contained breathing apparatus pressure-demand, 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 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 substances with occupational exposure limit values.

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 with neoprene, latex, nitrile, butyl rubber or polyethylene type gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque Tan
Odor	Characteristic
Odor Threshold	No information available
pH	Not applicable
Melting Point/ Freezing Point	No information available
Initial Boiling Point/ Range	No information available
Flash Point	>395°F (>200°C)
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 available
Solubility(ies)	No information available
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity @ 40C	100 mm ² /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 hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Avoid contact with incompatible materials and temperatures exceeding product flash point
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon oxides, sulphur oxides, nitrogen oxides, smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects:

Inhalation	No known specific effects or critical hazards.
Eye contact	Causes serious eye irritation. Adverse symptoms may include pain or irritation, watering or redness.
Skin contact	May cause an allergic skin reaction. Adverse symptoms may include irritation and/or redness.
Ingestion	No known specific effects or critical hazards.

Symptoms or effects, including acute and delayed:

Inhalation	No specific data.
Eye Contact	Causes serious eye irritation.
Skin Contact	May cause an allergic skin reaction.
Ingestion	No specific data.

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 **Not listed**

IARC listing of potential carcinogens **Not available**

OSHA listing of potential carcinogens **Not listed**

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability, OECD 301B	>62%
Bioaccumulation	Not available
OECD 201 Alga, EC50, 72hr, mg/L	Not available
OECD 202 Daphnia, EC50, 48hr, mg/L	Not available
OECD 203 Fish, LC50, 96hr, mg/L	Not available

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 authority.
Contaminated packaging	Do not re-use empty containers. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

SECTION 14: TRANSPORT INFORMATION

US DOT	Not regulated
TDG (Canada)	Not regulated
ADR	Not regulated

IMDG Not regulated

IATA Not regulated

SECTION 15: REGULATORY INFORMATION

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

SARA Extremely Hazardous Substances Not available

SARA Section 313 Not listed

CERCLA Hazardous Substances No reportable quantity for this product or its components

SECTION 16: OTHER INFORMATION

Revision date 3/20/2023



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