

**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	TruGear FG 1000
Product Description	Food Grade Extreme Pressure Gear Oil
Product Use	Product is intended for use as an industrial lubricant.

**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	Oil soaked materials (rags, steel wool, clothing, etc.) should be placed in a sealed metal container to prevent spontaneous combustion (fire). The product contains no substances at their given concentration, that are considered hazardous to one's health.
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

<b>Components</b>	<b>CAS No.</b>	<b>Weight %</b>
White Mineral Oil	8042-47-5	80-100%
Performance Package	MIXTURE	1-10%
Viscosity Modifier	PROPRIETARY	1-10%

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 and seek medical advice/attention if irritation develops. Artificial respiration and/or oxygen may be necessary.**

**First Aid - Eye Contact**      **Thoroughly rinse eyes and under eyelids with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Seek medical advice/attention if irritation develops.**

**First Aid - Skin Contact**      **Wash effected area immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Seek medical advice/attention if irritation develops.**

**First Aid - Ingestion**      **Rinse mouth with water. Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Seek medical advice/attention.**

**Recommendations for immediate medical care/special treatment**      **Physicians should treat symptomatically.**

### SECTION 5: FIREFIGHTING MEASURES

**Suitable extinguishing media**      **Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**

**Unsuitable extinguishing media**      **No information available.**

<b>Specific hazards that may develop when chemical burns</b>	<b>Cool closed containers exposed to fire with water spray.</b>
<b>Special firefighting equipment/precautions</b>	<b>Firefighters should use all standard protective equipment to fight fire. Empty containers contain residue and/or vapors; do not weld, cut, pressurize, braze, solder, drill, grind or expose to heat, spark or flame.</b>

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	<b>Use personal protective equipment and ensure adequate ventilation. Material can create slippery conditions.</b>
<b>Emergency procedures</b>	<b>In the event of a spill, evacuate non-essential personnel, remove any sources of ignition, ventilate spill area, and prevent entry into sewers and waterways. Pick up free material for recycle or disposal and absorb residual liquid with inert material.</b>
<b>Methods and material for containment</b>	<b>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.</b>
<b>Cleanup procedures</b>	<b>Dam up, then soak up with absorbent material. Use a dry spill kit or sand, and collect in appropriate containers before disposing according to all proper regulations. Clean contaminated surfaces thoroughly.</b>

## **SECTION 7: HANDLING AND STORAGE**

<b>Precautions for safe handling</b>	<b>Ensure adequate ventilation to prevent inhalation of vapor/dust or wear suitable respiratory equipment. Keep away from heat and sources of ignition. Avoid contact with skin, eyes and clothing. Do not smoke, eat or drink in application area.</b>
<b>Storage recommendations</b>	<b>Store in a dry, cool, well-ventilated area in original container. Carefully reseal opened containers and store upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight.</b>

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Limits</b>	<b>Contains no substances with occupational exposure limit values.</b>
<b>Engineering controls</b>	<b>No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</b>
<b>Recommended Personal Protective Equipment:</b>	
<b>Eye/Face Protection</b>	<b>If exposure to airborne mist or splashing is possible, safety goggles or safety glasses with side shields are recommended.</b>

<b>Respiratory Protection</b>	<b>In case of mist, spray or aerosol exposure, wear suitable personal respiratory protection.</b>
<b>Skin/Body Protection</b>	<b>Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. Specific local conditions under which the product is used should also be taken into consideration.</b>

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	<b>Amber liquid</b>
<b>Odor</b>	<b>Mild odor</b>
<b>Odor Threshold</b>	<b>Not available</b>
<b>pH</b>	<b>Not available</b>
<b>Melting Point/ Freezing Point</b>	<b>Not available</b>
<b>Initial Boiling Point/ Range</b>	<b>Not available</b>
<b>Flash Point</b>	<b>&gt;505° F (&gt;260° C)</b>
<b>Evaporation rate</b>	<b>Not available</b>
<b>Flammability</b>	<b>Low fire hazard. This material must be heated before ignition will occur.</b>
<b>Flammability, upper limits</b>	<b>Not available</b>
<b>Flammability, lower limits</b>	<b>Not available</b>
<b>Vapor pressure</b>	<b>Not available</b>
<b>Vapor density</b>	<b>Not available</b>
<b>Relative density</b>	<b>Not available</b>
<b>Solubility(ies)</b>	<b>Not available</b>
<b>Solubility in water</b>	<b>Insoluble</b>
<b>Partition coefficient: n-octanol/water</b>	<b>Not available</b>
<b>Auto-ignition tempera- ture</b>	<b>Not available</b>
<b>Decomposition temp-</b>	<b>Not available</b>

erature

Viscosity @ 40°C, cSt 680

## 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 does not occur.
Conditions to avoid	Not available
Incompatible materials	Reactive with oxidizing agents.
Hazardous decomposition products	May release COx, smoke and irritating vapors when heated to decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

### *Potential health effects:*

Inhalation	Health injuries are not known or expected under normal use. Excessive inhalation of mist may result in respiratory irritation.
Eye contact	Not expected to to pose health issues for the eye.
Skin contact	Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Ingestion	Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance.

### *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:

Information on toxicological effects:	
Acute Toxicity	Based on available data, no evidence of acute toxicity.
Skin corrosion/irritation	Based on available data, not, or only mildly irritating.
Serious eye damage/irritation	Based on available data, not, or only mildly irritating.
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

### NTP Report on Carcinogens

This product is not considered to be a carcinogen by NTP.

### IARC listing of potential carcinogens

This product is not considered to be a carcinogen by IARC.

### OSHA listing of potential carcinogens

This product is not considered to be a carcinogen by OSHA.

## SECTION 12: ECOLOGICAL INFORMATION

Biodegradability, OECD 301B Not available

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/container in accordance with all local, regional, state, national and international regulations.

<b>Waste from residues/ unused products</b>	<b>Do not allow product to enter drains, water or soil. Classify and label waste before disposal at a licensed waste management company. Dispose of in accordance with all local, regional, state, national and international regulations.</b>
<b>Contaminated packaging</b>	<b>Empty containers may contain residue and should not be reused. They should be decontaminated and taken for local recycling, recovery or waste disposal.</b>

## **SECTION 14: TRANSPORT INFORMATION**

<b>US DOT</b>	<b>Not regulated by the US DOT as a hazardous material</b>
<b>TDG (Canada)</b>	<b>Not regulated by the Canadian TDG as a hazardous material</b>
<b>ADR</b>	<b>Not regulated</b>
<b>IMDG</b>	<b>Not regulated</b>
<b>IATA</b>	<b>Not regulated</b>

## **SECTION 15: REGULATORY INFORMATION**

<b>US TSCA Inventory</b>	<b>All components of this product are either listed on the TSCA Inventory or are in compliance with the TSCA Inventory.</b>
<b>California Prop. 65</b>	<b>Not listed</b>
<b>SARA Extremely Hazardous Sub- stances</b>	<b>Not listed as such</b>
<b>SARA Section 313</b>	<b>Does not contain any 313 ingredients</b>
<b>CERCLA Hazard- ous Substances</b>	<b>No reportable quantity for this product or its components</b>

## SECTION 16: OTHER INFORMATION

Revision date

1/1/2023



**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.**