



SAFETY DATA SHEET

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

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|---------------------|---|
| Product Name | Super WO 21 |
| Product Description | Food Grade Multi-Purpose White Mineral Oil |
| Product Use | Product is intended for use as an industrial lubricant. |

SECTION 2: HAZARD(S) IDENTIFICATION

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| 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

| Components | CAS No. | Weight % |
|-------------------|-------------|----------|
| White Mineral Oil | 8042-47-5 | 97-100% |
| Antioxidant | PROPRIETARY | 0-3% |

The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "PROPRIETARY", the specific chemical identity and percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

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| First Aid - Inhalation | Move to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical advice. |
| First Aid - Eye Contact | Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention. |
| First Aid - Skin Contact | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuse. Seek medical advice. |
| 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. |
| Recommendations for immediate medical care/special treatment | Physicians should treat symptomatically. |

SECTION 5: FIREFIGHTING MEASURES

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| Suitable extinguishing media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | No information available. |

Specific hazards that may develop when chemical burns **Cool closed containers exposed to fire with water spray.**

Special firefighting equipment/precautions **Prevent fire extinguishing water from contaminating surface water or the ground water system.**

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions **Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions.**

Emergency procedures **In the event of a spill, evacuate non-essential personnel to a safe area, use personal protective equipment, and ensure adequate ventilation. Material can create slippery conditions.**

Methods and material for containment **Prevent further leakage/spillage and remove any sources of ignition if safe to do so. Dam up and soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) as directed by material manufacturer for containment of spills.**

Cleanup procedures **Soak up with inert absorbent material. Non-sparking tools should be used. Ensure adequate ventilation. Clean contaminated area thoroughly. Contact the proper local authorities for disposal information.**

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling **For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Use only with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Keep away from heat and sources of ignition. Keep container closed when not in use.**

Storage recommendations **Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sunlight.**

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits **Contains no substances with occupational exposure limit values.**

Engineering controls **No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.**

Recommended Personal Protective Equipment:

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| Eye/Face Protection | Wear face-shield and protective suit for abnormal processing problems. |
| Respiratory Protection | Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and |
| Skin/Body Protection | Use neoprene, nitrile, polyvinyl alcohol (PVA), or Viton (R) gloves when handling and choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Viscous Liquid |
| Odor | Mild petroleum oil like |
| Odor Threshold | Not available |
| pH | Not available |
| Melting Point/ Freezing Point | Not available |
| Initial Boiling Point/ Range | Not available |
| Flash Point | >420° F (>215° C) |
| Evaporation rate | Not available |
| Flammability | Low fire hazard. This material must be heated before ignition will occur. |
| Flammability, upper limits | Not available |
| Flammability, lower limits | Not available |
| Vapor pressure | Not available |
| Vapor density | Not available |
| Relative density | 0.865 kg/l (59° F / 15° C) |
| Solubility(ies) | No information |
| Solubility in water | Insoluble |

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|---|---------------|
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity @ 40°C, cSt | 40 |

SECTION 10: STABILITY AND REACTIVITY

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|------------------------------------|---|
| 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 | No data available. |
| Incompatible materials | Reactive with oxidizing agents |
| Hazardous decomposition products | May release CO _x , smoke and irritating vapours when heated to decomposition. |

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects:

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| Inhalation | Health injuries are not known or expected under normal use. |
| Eye contact | Prolonged or excessive contact with eyes may result in mild irritation, however, significant health injuries are not expected under normal use. |
| 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:

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|------------|--|
| Inhalation | None known or expected under normal use. |
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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 **No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.**

IARC listing of potential carcinogens **No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.**

OSHA listing of potential carcinogens **No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.**

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability, OECD 301B **No data available**

Bioaccumulation **No data available**

OECD 201 Alga, EC50, 72hr, mg/L **No data available**

OECD 202 Daphnia, EC50, 48hr, mg/L **No data available**

OECD 203 Fish, LC50, 96hr, mg/L **No data available**

SECTION 13: DISPOSAL CONSIDERATIONS

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| Disposal considerations | Dispose of contents/container in accordance with all local, regional, state, national and international regulations. |
| Waste from residues/unused products | The product should not be allowed to enter drains, water courses or the soil. Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be classified and labeled prior to recycling or disposal. Send to a licensed waste management company. Dispose of as hazardous waste in compliance with local and national regulations. Dispose of product residue in accordance with the instructions of the person responsible for waste disposal. |
| Contaminated packaging | Empty containers may contain residue and should not be reused. They should be decontaminated and taken for local recycling, recovery or waste disposal. |

SECTION 14: TRANSPORT INFORMATION

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| US DOT | Not regulated by the US DOT as a hazardous material |
| TDG (Canada) | Not regulated by the Canadian TDG as a hazardous material |
| ADR | Information not available |
| IMDG | Not regulated |
| IATA | Not regulated |

SECTION 15: REGULATORY INFORMATION

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| US TSCA Inventory | All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption. |
| California Prop. 65 | Information not available |
| SARA Extremely Hazardous Substances | Information not available |
| SARA Section 313 | Information not available |

SECTION 16: OTHER INFORMATION

Revision date

6/28/2018



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.