

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 TruGrease FG APS 400
Product Description Synthetic High Temperature Grease
Product Use Any High Temp Conveyor Applications – Food, pellet mills, paper mills, etc.

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 % |
|-----------------------------------|------------|----------|
| 1-Decene homopolymer hydrogenated | 68037-01-4 | 10 - 30 |

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.

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| 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

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| 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

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| 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

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|-------------------------------|---|
| 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 -

| 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 > 390° F (199° 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 1.02

| | |
|--|------------------------------|
| 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 300000 – 400000 cP |
| Volatiles % by weight | 0.3 |
| VOC, material, lb/gal, | 0 |
| VOC, material, grams/liter | 0 |
| VOC minus exempt solvents & water g/L | 0 |

Section 10: Stability and Reactivity

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|------------------------------------|--|
| 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):

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|-------------|
| Eye contact |
|-------------|

Symptoms related to the physical, chemical and toxicological characteristics:

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|-------------------|
| No data available |
|-------------------|

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 |
|-----------------------------------|---------------------------|---------------------------------|-------------------------------------|
| 1-Decene homopolymer hydrogenated | Oral LD50 Rat > 5000 mg/L | Dermal LD50 Rabbit > 2000 mg/kg | Inhalation LC50 (4h) Rat > 5.2 mg/L |

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 |
| 1-Decene homopolymer hydrogenated | 68037-01-4 | EC50(48 HR) WATER FLEA > 1000 mg/L | EC50(96HR) GREEN ALGAE > 1000 mg/L | LC50(96 HR) FLATHEAD MINNOW > 750 mg/L |

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

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|---------------------------------------|---|
| 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

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|---|----------------------|
| 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 06-30-2020

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.