

Section 1: Identification

Company Information

BioBlend Renewable Resources, LLC.
1500 Jarvis Ave.
Elk Grove Village IL, 60007

Emergency Contact Information

888.BIO.BLND (888.246.2563)
8:00 AM – 4:00 PM Central, Monday - Friday

Product Name BioBlend Multi-Purpose Oil - Aerosol
Product Description Multi-Purpose Oil in Aerosol Form
Product Use Multi-use including – oven and conveyor chains, wire ropes, cables, slides, open mechanisms, hinges, bearings, rollers, gears, sprockets, ext.

Section 2: Hazard(s) Identification

Hazard Statement Aerosol 1 H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated.



GHS02 DANGER: Flammable



GHS04 Gas Cylinder

Precautionary Statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P403 Store in a well-ventilated place

Hazards not Otherwise Classified

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

Section 3: Composition / Information on Ingredients

Components	CAS No.	Weight %
Propane liquified	74-98-6	10-25
2-methalpropane	75-28-5	10-25

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

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
Eye Contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
Skin Contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Ingestion	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
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

Suitable Extinguishing Media	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special Firefighting Equipment / Precautions	Utilize self-contained breathing apparatus

Section 6: Accidental Release Measures

Personal Precautions	Wear protective equipment. Keep unprotected persons away
Methods / Material for Containment	Ensure adequate ventilation Keep away from ignition sources
Reference to Other Sections	See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

Section 7: Handling and Storage

Precautions for Safe Handling	Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace. Information about protection against explosions and fires: <ul style="list-style-type: none"> • Keep ignition sources away – Do Not Smoke! • Protect from heat
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	<ul style="list-style-type: none"> • Provide adequate precautions, such as electrical grounding and bonding • Requirements to be met by storerooms and receptacles: • Observe official regulations on storing packagings with pressurised containers.
Storage Recommendations	<p>Information about storage in one common storage facility:</p> <ul style="list-style-type: none"> • Store away from foodstuffs. • Store away from oxidising agents. • Further information about storage conditions: None. • Storage class 2 B
Specific End Use(s)	No Further relevant information available

Section 8: Exposure Controls / Personal Protection

Control Parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the creation were used as basis.

Exposure Controls	<ul style="list-style-type: none"> • Use local exhaust ventilation to control airborne concentrations below exposure limits • Wash hands before breaks and at the end of work
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Recommended Personal Protective Equipment:

Eye / Face Protection Wear tightly sealed goggles.

Respiratory Protection Use suitable respiratory protective device in case of insufficient ventilation. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). To determine the appropriate type of respiratory protection that should be used, a hazard assessment should be performed prior to using the product. Environmental conditions such as ventilation and other contaminants may affect the type of respiratory protection that is chosen.

Skin / Body Protection Protective gloves.
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Penetration time of glove material

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Protective Gloves I.E., Nitrile, Viton, Neoprene

Wear protective work clothing.

Section 9: Physical and Chemical Properties

Appearance	Aerosol
Odor	Characteristic
Odor Threshold	Not determined
pH	Not determined
Melting Point / Freezing Point	Not determined
Initial Boiling Point / Range	Not applicable as aerosol
Flash Point	-97 °C (-142.6 °F)
Evaporation Rate	Not applicable
Flammability Solid, gaseous)	Not applicable
Ignition Temperature	460 °C (860 °F)
Self Igniting	Product is not self-igniting
Explosive properties	Not determined
Explosion Upper Limits	10.9 Vol %
Explosion Lower Limits	1.7 Vol %
Vapor Pressure @ 20°C (68°F)	8,300 hPa (6.200 mm Hg)
Density @ 20°C (68°F)	0.8 – 1.2 g/cm ³ (6.7-10 lbs/gal)
Vapor Density	Not determined
Relative Density	Not determined
Solubility in Water	Not miscible or difficult to mix
Partition Coefficient n-octanol / water	Not determined
Decomposition Temperature	Not determined
Viscosity @ 40°C, cSt	28

The above data are typical values and do not constitute a specification.

Section 10: Stability and Reactivity

Reactivity	No further relevant information available.
Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	No dangerous reactions known

- Conditions to Avoid
 - Avoid contact with hot surfaces.
 - Heat.
 - No flames, no sparks.
 - Eliminate all sources of ignition.
- Incompatible Materials No further relevant information available.
- Hazardous Decomposition Products No dangerous decomposition products known

Section 11: Toxicological Information

IARC (International Agency for Research on Cancer)

IARC Category 3 : Not classifiable as to its carcinogenicity to humans

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Toxicological Effects:

Acute Toxicity	Based on available data, the classification criteria are not met
Skin Corrosion / Irritation	Based on available data, the classification criteria are not met
Serious Eye Damage / Irritation	Based on available data, the classification criteria are not met
Respiratory Sensitization	Based on available data, the classification criteria are not met
Skin Sensitization	Based on available data, the classification criteria are not met
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Cardnogenicity	Based on available data, the classification criteria are not met.
Reproductive Toxicity	Based on available data, the classification criteria are not met.
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.

Section 12: Ecological Information

Toxicity

- Aquatic Toxicity No further relevant information available
- Persistence & Degradability No further relevant information available
- Bioaccumulative Potential No further relevant information available
- Mobility in Soil No further relevant information available
- Results of PBT and vPvB Assessment
 - PBT: Not applicable
 - vPvB: Not applicable

Other Adverse Effects

No further relevant information available

Section 13: Disposal Considerations

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 chemical or used container. Dispose of empty containers in accordance with all Local, State and Federal regulations.

Section 14: Transport Information

UN-Number

ADR, IMDG, IATA

UN 1950

UN Proper Shipping Name:

ADR

1950 Aerosols

IMDG

Aerosols

IATA

Aerosols, flammable

Transport Hazard Class(es):

ADR

Class

2 5F Gasses

Label

2.1

IMDG, IATA

Class

2.1 Gases

Label

2.1

Packaging Group

ADR, IMDG, IATA

Not regulated

Environmental hazards

Not Applicable

Special precautions for user

Warning: Gases

Hazard identification number (Kemler code):

EMS Number:

F-D,S-U

Stowage Code

SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code

Not applicable

Transport/Additional Information:

ADR
Excepted quantities (EQ)

Code: E0
Not permitted as Excepted Quantity

IMDG
Limited quantities (LQ)
Excepted quantities (EQ)

IL
Code: E0
Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

US TSCA Inventory	All ingredients are listed
California Prop. 65	None of the ingredients are listed
SARA Section 355 Extremely Hazardous Substances	None of the ingredients are listed
SARA Section 313	None of the ingredients are listed
CERCLA Hazardous Substances	
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed
Chemicals known to cause developmental toxicity	None of the ingredients are listed
Cancerogenity categories	
EPA (Environmental Protection Agency)	None of the ingredients are listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients are listed
Canadian Domestic Substances List (DSL): (Substances not listed)	All ingredients are listed
Canadian Non-Domestic Substances List (NDSL): (Substances not listed)	None of the ingredients are listed

Philippines Inventory of Chemicals and Chemical Substances: (Substances not listed)	All ingredients are listed
Chinese Chemical Inventory of Existing Chemical Substances: (Substances not listed)	All ingredients are listed
Australian Inventory of Chemical Substances: (Substances not listed)	120962-03-0 Canola oil
New Zealand Inventory of Chemicals: (Substances not listed)	All ingredients are listed
Existing Chemical Substances	propane liquefied 2-methylpropane
GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS)	See Section 2

Section 16: Other Information

Revision Date

NFPA Symbol



Date of preparation / last revision 01/25/2022

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Aerosol 1: Aerosols – Category 1

Press. Gas: Gases under pressure – Compressed gas

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