



SAFETY DATA SHEET

Issue Date 4/15/2015

Revision Date 6/28/2018

Version 1

1. IDENTIFICATION

Product identifier**Product Name:** Bio Form**Other means of identification****Product code:** F-707 (All Grades)**Synonyms:** None**Recommended use of the chemical and restrictions on use****Recommended Use:** Lubricant.**Uses advised against:** No information available**Details of the supplier of the safety data sheet****Supplier Address**

FRONTIER PERFORMANCE LUBRICANTS INC

PO BOX 1777

LODI, CA 95241

Phone: (800)-807-4496

Fax: (209)-334-6408

Emergency telephone number**Emergency Telephone:** PERS (800)-633-8253

2. HAZARDS IDENTIFICATION

Classification of the Mixture

Liquid. Slight Petroleum Odor

Most Important Hazards

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard Classification

N/A

Signal Word

N/A

Pictograms

N/A

Hazard Statements

N/A

Precautionary Statements Prevention

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), which has been updated to align with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Response

Wash contaminated clothing before reuse.

If on skin: wash with plenty of water.

If irritation or rash forms, seek medical advice/attention.

Storage

Keep container tightly closed. Store in a well-ventilated place.

Disposal

Dispose of contents/containers in accordance with local and national regulations.

Quantity of Ingredients with Unknown Acute Toxicity

0%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient**WT %****CAS #**

Canola

< 90-100%

120962-03-0

Performance Additives

< 1-10%

Mixture

To the knowledge of the supplier, there are no other ingredients in this product that are classified as hazardous.

4. FIRST AID MEASURES

Eyes	Rinse eyes and under eyelids immediately with water for at least 15 minutes. Seek medical attention if irritation develops.
Skin	Wash effected area immediately with soap and water. Remove and wash contaminated clothing before re-use.
Ingestion	No special measures required. Health injuries are not known or expected under normal use.
Inhalation	Move to fresh air in case of accidental inhalation, if breathing is difficult seek medical advice

5. FIRE-FIGHTING MEASURES

Flammable Properties

Base Oil Flash point: N/A Flammable limits in air: N/A Auto ignition temperature: N/A

Extinguishing media	CO ₂ , dry chemical, foam
Special firefighting measure	Firefighters should use all standard protective gear including a pressure- demand self contained breathing apparatus (MSHA/OSHA approved or equivalent) and full protective gear. Water mist may be used to cool closed containers.

6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources and ventilate area.	Advise EPA/state agency if required.
Absorb spillage with inert absorbent material.	Use proper personal protective equipment for clean-up.
Contain spill and keep from entering waterways or sewers.	Treat contaminated absorbent same as spilled product.

7. HANDLING AND STORAGE

Precautions for safe handling	Ensure adequate ventilation to prevent inhalation of vapor/dust. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.
Storage recommendations	Store in a cool, sheltered location. To maintain product quality, do not store in heat or direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use adequate ventilation to keep vapors and mists of this material below applicable standards. Recommended work place control parameters - based on mineral oil ACGIH TWA 5 mg/m ³ .
Respiratory Protection	In case of mist, spray or aerosol exposure, wear suitable personal respiratory protection.
Skin Protection	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.
Eye Protection	Use safety glasses or goggles. Have suitable eye wash water available.
Other/General Protection	For mists and vapors: Air purifying, organic vapor cartridge, NIOSH approved respirator. Use self-contained breathing apparatus for environments with unknown concentrations or emergency situations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber	Vapor Pressure:	N/A	Solubility in Water:	Insoluble
Appearance:	Liquid	% Volatile by Volume:	N/A	Evaporation Rate	N/A
Odor:	Characteristic	Vapor Density (air = 1):	N/A	(Butyl Acetate = 1):	<1
Boiling Point:	N/A	Reactivity in Water:	Non-reactive	Specific Gravity:	N/A

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Sources of ignition.
Incompatibility	No materials to be specifically mentioned.
Decomposition Products	Thermal decomposition leads to formation of acrolein, Carbon monoxide (CO), Carbon dioxide (CO ₂), smoke, and fumes.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	Inhalation, skin, eyes and ingestion.
Potential Health Effects	
Eye Effects	Not expected to pose health issues for the eye.
Skin Effects	Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Oral Effects	Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance.
Inhalation Effects	Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.
Chronic Health Effects	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Mutagenicity	Negative
Carcinogenicity	This product is not considered to be a carcinogen
Reproductive Effects	Negative.
Teratogenicity	Negative.
Sensitization	Potential Skin Sensitizer Category 1B.
Toxicological Data	ATE oral, no evidence of acute toxicity ATE dermal is slightly irritating ATE inhalation is not known to be a aspiration hazard

12. ECOLOGICAL INFORMATION

Biodegradability, OECD 301B	>80%
Bioaccumulation	Information not available
OECD 201	
Alga, EC50, 72hr, mg/L	N/A
OECD 202	
Daphnia, EC50, 48hr, mg/L	N/A
OECD 203	
Fish, LC50, 96hr, mg/L	N/A

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. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed metal containers to help prevent combustion.
Contaminated packaging	Do not re-use empty containers

14. TRANSPORT INFORMATION

Proper Shipping Name	PETROLEUM LUBRICATING GREASE; NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR.
Shipping Class	55
Dot Identification Number	N/A
Dot Shipping Label	Not regulated by DOT.
TDG Classification	Not controlled under TDG (Canada).

15. REGULATORY INFORMATION

U.S. Federal Regulatory Information

SARA 302 Threshold Planning Quantity	N/A
SARA 304 Reportable Quantity	N/A
SARA 311 Categories	
Acute Health Effects	None
Chronic Health Effects	None

Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	No

EPA/TSCA Inventory	The components of this product are listed on the EPA/TSCA inventory of chemicals.
EPA Hazard Classification Code	Not applicable
CERCLA	No chemicals in this product are subject to the reporting requirements of CERCLA.
SARA Title III - Section 313 Supplier Notification	No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.
WHMIS Classification	WHMIS controlled. Class D; Division 2, Subdivision B: otherwise causing toxic effects.
Other Regulations	All components of this formulation are listed on the CEPA-DSL (Domestic Substance List)

16. OTHER INFORMATION

NFPA Hazard Rating:

Health:	0	Slight
Flammability:	1	Slight
Reactivity:	0	Negligible

*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

Issue Date	4/15/2015
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Revision Note	Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet