



# SAFETY DATA SHEET

Issue Date 4/30/2015

Revision Date 4/30/2015

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name:** Food Safe Chain & Cable Lubricant

**Other means of identification**

**Product code:** F-862

**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

Physical Hazard Classification: Flammable Aerosols, Category 1

DANGER



Physical Hazard Precautionary Statements: Extremely flammable aerosol.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Protect from sunlight.

Do not expose to temperatures exceeding 50 °C/122°F.

Health Hazard Classification(s):

Causes severe eye damage – Category 1

Causes eye and skin irritation – Category 2B

May cause allergic skin reaction – Category 1B

Health Hazard Statements:

Inhalation - Avoid breathing dust/fume/gas/mist/vapors/spray. Keep container tightly closed. Use only with adequate ventilation.

Skin – Avoid contact with skin and clothing. Wash thoroughly after handling.

Eyes - Avoid contact with eyes. Wash thoroughly after handling. Ingestion – Harmful if swallowed.

Quantity of Ingredients with Unknown Acute Toxicity: 0%

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

	CAS #	% Range		PEL	TLV
HYDROCARBON PROPELLANT	68476-86-8	1%	15%	NO DATA	NO DATA
WHITE MINERAL OIL (PETROLIUM)	8042-47-5	70%	90%	NOT ESTABLISHED	NOT ESTABLISHED
POLYBUTENE	9003-29-6	10%	20%	NONE ESTABLISHED BY OSHA	NONE ESTABLISHED BY OSHA

Specific chemical identity and exact percentages are withheld as Trade Secret.

**4. FIRST AID MEASURES**

- IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor/physician if you feel unwell.  
 Do NOT induce vomiting.  
 If skin irritation occurs: Get medical advice/attention.  
 If eye irritation persists: Get medical advice/attention.

- GENERAL: This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.
- EYE CONTACT: Slightly irritating but does not injure eye tissue.
- SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.
- INHALATION: High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.
- INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.
- FIRST AID
- EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
- SKIN CONTACT: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.
- INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention
- INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
- PRECAUTIONS
- SPECIAL PRECAUTIONS: Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
- PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
- VENTILATION: The use of mechanical dilution ventilation is recommended whenever this product is used in

a confined space, is heated above ambient temperatures, or is agitated.

## 5. FIRE-FIGHTING MEASURES

**FIRE AND EXPLOSION HAZARDS:** This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

**EXTINGUISHING MEDIA:** Dry Chemical. CO<sub>2</sub>. Halogenated Extinguishing Agent. Stop Gas Flow.

**SPECIAL FIREFIGHTING PROCEDURES:** Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

**FIRE FIGHTING:** Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:**

Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

**WASTE DISPOSAL METHOD:** Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

## 7. HANDLING AND STORAGE

Store locked up.

<b>VENTILATION REQUIREMENT:</b>	Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.
<b>RESPIRATORY PROTECTION:</b>	Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.
<b>EYES:</b>	Face shield and goggles or chemical goggles should be worn.
<b>GLOVES:</b>	Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.
<b>OTHER CLOTHING EQUIPMENT:</b>	Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.
<b>RESPIRATORY PROTECTION:</b>	In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash hands and exposed areas thoroughly after handling.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point (CCP):	LVL 3 AEROSOL, PROPELLENT: -137°F
Boiling Point for Product:	N/D
Vapor Pressure for Product:	N/D
Vapor Density for Product:	N/D
Specific Gravity:	N/D
V.O.C.:	N/D
Water Solubility:	Negligible
Appearance:	Aerosol Spray
PH:	N/D

## 10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 130 degree F.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

## 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation, skin, eyes and ingestion.
Potential Health Effects:	
Eye Effects:	Corrosive. This mixture can cause irritation, redness, burns and tissue destruction.
Skin Effects:	Irritant. This mixture may cause inflammation, significant irritation and sensitization in susceptible individuals.
Oral Effects:	Harmful if swallowed. Gastrointestinal tract irritation, nausea and vomiting if mixture is swallowed.
Inhalation Effects:	Harmful if inhaled. May cause respiratory tract 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 mixture contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All the oils in this mixture have been demonstrated to contain less than 3% extractables by the IP 346 test.
Reproductive Effects:	Negative.

Teratogenicity: Negative.  
 Sensitization: Potential Skin Sensitizer Category 1B. Calcium salts of petroleum sulfonic acids may cause allergic skin reaction.  
 Toxicological Data:  
 ATE oral is > 2,000 mg/kg ATE dermal is > 4,000 mg/kg  
 ATE inhalation (mist/aerosol) is estimated at 2.17 mg/L/4 hour

**12. ECOLOGICAL INFORMATION**

Not classified due to inadequate data available on this mixture. Highly recommend avoidance of release to the environment.

**13. DISPOSAL CONSIDERATIONS**

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

**14. TRANSPORT INFORMATION**

DOT Proper Shipping Name: UN1950  
 Aerosols, flammable, (each not exceeding 1L capacity) 2.1

**15. REGULATORY INFORMATION**

	CAS #	% Range		PEL	TLV
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If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "\*\*\*"

**16. OTHER INFORMATION**

Consumer Product Safety Act Certification.

This product was evaluated by Frontier Lubricants and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

NFPA Hazard Rating  
 Health: 1  
 Flammability: 1  
 Instability: 0

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Issue Date	03/18/2020
Revision Date	03/18/2020
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**