



SAFETY DATA SHEET

Issue Date 4/6/16

Revision Date 4/6/16

Version 1

1. IDENTIFICATION

Product identifier

Product Name: Truck & Tractor

Other means of identification

Product code: F-104

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

Slight petroleum odor/grease

Most Important Hazards

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard Category

Acute Oral Toxicity Category

4

Skin Irritation Category

2

Eye Irritation Category

2A

Skin Sensitization

Category 1B

Signal Word

Warning!

Pictograms



Hazard Statements

Causes serious eye irritation.
Causes skin sensitization with susceptible individuals.
Causes eye, skin and respiratory tract irritation.
Harmful if swallowed.

Precautionary Statements

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only with adequate ventilation. Do not eat, drink or smoke when using this product
Wash thoroughly after handling.

Response

Contaminated Clothing

Contaminated work clothing must not be allowed out of the workplace. Wash contaminated

Eyes	clothing before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention
Skin	If on skin: wash with plenty of water.
Ingestion	If swallowed, call a poison center/doctor if you feel unwell
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 #
Highly Refined Mineral Oil	1-5	Mixture
Zinc alkyldithiophosphate	< 2	68649-42-3
Distillates (petroleum), hydrotreated heavy paraffinic	60-85	64742-54-7

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

4. FIRST AID MEASURES

Eyes	Flush eyes with running water for at least 15 minutes. If redness, burning, blurred vision or irritation persists, transport to nearest medical facility for additional treatment.
Skin	No emergency care anticipated. Wash with soap and water
Ingestion	Do NOT induce vomiting and obtain medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

5. FIRE-FIGHTING MEASURES

Flammable Properties	
Base Oil Flash point	>222°C (ASTM D92)
Flammable limits in air	N/A
Auto ignition temperature	N/A
Extinguishing media	CO ₂ , dry chemical, foam
Special firefighting measure	Procedures for an oil fire should be utilized. Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used <u>only</u> to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

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

Handling and Storage Precaution	Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.
Work/Hygienic Practices	Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Contaminated leather articles including shoes cannot be decontaminated and should be destroyed to prevent reuse.

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	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.
Skin Protection	Use protective clothing that is chemically resistant to this product. Acceptable materials for gloves and aprons are: neoprene, nitrile rubber or viton.
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	yellow	Vapor Pressure	N/A	Solubility in Water	Insoluble
Appearance	grease	% 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	0.80-0.91

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Sources of ignition.
Incompatibility	Strong oxidizing or reducing agents.
Decomposition Products	Oxides of Carbon and Hydrogen.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	Inhalation, skin, eyes and ingestion.
Potential Health Effects	
Eye Effects	None anticipated
Skin Effects	None anticipated
Oral Effects	Harmful if swallowed. Gastrointestinal tract irritation, nausea and vomiting if mixture is swallowed.
Inhalation Effects	None anticipated
Chronic Health Effects	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Mutagenicity	Negative
Carcinogenicity	None anticipated
Reproductive Effects	Negative.
Teratogenicity	Negative.
Sensitization	No Data Available
Toxicological Data	No data is available at this time.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Dispose of container by recycling or if permitted incineration.

14. TRANSPORT INFORMATION

Proper Shipping Name	Petroleum Lubricant; 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.

Japan (ENCS)

All components are in compliance with the Chemical Substances Control Law of Japan.

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	Negligible
Flammability:	1	Slight
Reactivity:	0	Negligible

*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

Issue Date	4/6/16
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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