



SAFETY DATA SHEET

Issue Date 4/27/2021

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Version 1

1. IDENTIFICATION

Product identifier**Product Name:** Metal Lube Way Oil**Other means of identification****Product code:** F-752 (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

Oil. 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

Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. Not expected to cause prolonged or significant eye irritation

Precautionary Statements Prevention

No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Response

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Immediate Health Effects**Eye:** Not expected to cause prolonged or significant eye irritation.**Skin:** Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.**Ingestion:** Not expected to be harmful if swallowed.**Inhalation:** Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil, may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.

Storage	Keep container tightly closed. Store in a well-ventilated place.
Disposal	Dispose of contents/containers in accordance with local and national regulations.
Carcinogenicity:	N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	WT %	CAS #
Distillates (petroleum), hydrotreated heavy paraffinic	65-90	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	Flush skin with water, wash with soap and water. If irritation occurs, get medical attention. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.
Ingestion	Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
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: >190°C (ASTM D92) Flammable limits in air: N/A Auto ignition temperature: N/A

Extinguishing media	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
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

Personal Precautions/Procedures: Use PPE and ensure adequate ventilation.

Environmental Precautions: Should not be released into the environment. Do not contaminate water. Do not flush to surface water or sanitary sewer system.

Methods and Materials for Containment/Clean Up:

Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13).

7. HANDLING AND STORAGE

Handling and Storage Precautions 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.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity',

Container Warnings:

and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.

Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioning outfit or disposed of properly.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Substance Name</u>	<u>Limit / Standard</u>	<u>Source</u>
Severely Hydrogenated Heavy Paraffinic distillate	TWA 5mg/ m3	ACGIH
	TLV 5mg/ m3	OSHA
GENERAL CONSIDERATIONS:	Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.	
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.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Dark 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:	0.85-0.9

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Sources of ignition.
Incompatibility	May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc
Decomposition Products	None known
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	Inhalation, skin, eyes and ingestion.
Potential Health Effects	
Eye Effects	Can cause irritation, redness, burns, and tissue destruction.
Skin Effects	Can cause inflammation, and significant irritation.
Oral Effects	Gastrointestinal tract irritation, nausea, and vomiting if swallowed.
Inhalation Effects	May cause respiratory tract irritation.
Chronic Health Effects	No data available to indicate product or components present in mixture are chronic health hazards.
Mutagenicity	Negative
Reproductive Effects	Not Determined
Teratogenicity	Not Determined
Sensitization	See Section 2
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

Ecotoxicity	The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.
Environmental Fate	This material is not expected to be readily biodegradable.

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 OIL; NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR.
Shipping Class	65
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	Listed
EPA Hazard Classification Code	Not applicable
CERCLA	No components are subject to reporting.
SARA Title III - Section 313 Supplier Notification	No components listed in this product exceed the DE Minimus reporting level established by SARA Title III< Section 313 and 40 CFR 372.
WHMIS Classification:	See Section 2.
Other Regulations	All components of this formulation are listed on the CEPA-DSL

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	4/27/2021
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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