



LUBRIPLATE®

MATERIAL SAFETY DATA SHEET

Section 1

PRODUCT NAME OR NUMBER

LUBRIPLATE Gear Shield Extra Heavy (Aerosol)

FORMULA

Grease, Solvent and Propellant

GENERIC/CHEMICAL NAME:

Petroleum Lubricating Grease

NSF Registration No:

N/A

Manufacturer's Name

Fiske Brothers Refining Co., d/b/a LUBRIPLATE Lubricants Co.

Emergency Telephone Number

1-800-255-3924 - CHEM-TEL (24 hour)

Address

1500 Oakdale Ave., Toledo, Ohio 43605 - 129 Lockwood St., Newark, NJ 07105

Telephone Number for Information

419-691-2491 - Toledo Office

Section 2 - Composition/Information on Ingredients

<u>Ingredients with CAS #'s</u>	<u>CAS#</u>	<u>Percentage</u>
Mineral Oil	8020-83-5	0 - 5%
Mineral Oil	64742-52-5	10 - 15%
Mineral Oil	64742-62-7	5 - 10%
Lithium Thickener	7620-77-1	0 - 5%
Petroleum Asphalt	8052-42-4	10 - 15%
Zinc Oxide	1314-13-2	0 - 5%
Heptane	142-82-5	20 - 25%
LPG (Propellant)	68476-86-8	15 - 20%
Light Distillate	64742-47-8	15 - 20%

Hazardous Material Identification System (HMIS): Health - 1, Flammability - 4, Reactivity - 0**Not a Controlled Product under (WHMIS) - Canada****Special Protection: See Section 9**

Section 3 - Health Hazard Data

Threshold Limit Value: PEL for Heptane - 400 ppm, LPG - 1800 mg/m³, TLV for oil mist = 5mg/m³
PEL for Light Distillate - 500 ppm**Effects of Overexposure:** Inhalation is the most likely method of exposure. Minimal effects are expected at levels below the TLV of components. Dizziness, drowsiness, coughing, nasal or throat irritations at higher levels. LPG may act as a simple asphyxiant without other significant physiologic effects if the oxygen content is low. It is reported that overexposure can cause liver abnormalities, kidney, lung and spleen damage in test animals.**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

Section 4 - Emergency and First Aid Procedures

EYE CONTACT: Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.**SKIN CONTACT:** Remove any contaminated clothing and wash with soap and warm water.**INHALATION:** Remove to fresh air. If breathing has stopped, administer artificial respiration. Get medical help immediately.**INGESTION:** If ingested, call a physician immediately. Do not induce vomiting.

Section 5 - Fire and Explosion Hazard Data

Flash Point (Method Used): Propellant <0°F **Flammable Limits: - N.D.** **LEL** **UEL****Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide.**Special Fire Fighting Procedures:** Keep containers cool. Use air-supplied breathing equipment for enclosed or confined spaces. Use shielding to protect personnel against bursting containers.**Unusual Fire and Explosion Hazards:** Do not spray near open flame. At elevated temperatures (over 130°F.), aerosol containers may vent, burst, or rupture.

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Section 6 - Physical/Chemical Characteristics

Boiling Point:	(Aerosol) N/A	Specific Gravity (H₂O = 1) Of Product	0.98
Vapor Pressure (mm Hg.):	Aerosol @ 130°F. - 115-psig	Melting Point:	Spray
Vapor Density (AIR = 1):	>1	Evaporation Rate: (Butyl Acetate = 1)	Faster
Solubility in Water:	Insoluble		
Appearance and Odor:	Gray to Black mist with odor of solvent from aerosol can.		

Section 7 - Reactivity Data

Stability:	Unstable Stable X	Conditions to Avoid	Avoid spraying into open flame or onto red-hot surfaces.
Incompatibility (Materials to Avoid):	Strong oxidizers.		
Hazardous Decomposition or Byproducts:	May form Carbon Monoxide if combustion is not complete.		
Hazardous Polymerization:	May Occur Will Not Occur X	Conditions to Avoid:	N/A

Section 8 - Spill or Leak Procedures

Steps to be taken in case material is released or spilled:
Remove sources of ignition, ventilate area. Use appropriate safety equipment to enter area. Allow time for vapors to be below their TLV. Add oil absorbent and clean area. Keep petroleum products out of sewers and watercourses.

Waste disposal method:
Do not puncture or incinerate containers. Give empty, leaking or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

SARA/TITLE III, Section 313 Status: - Zinc Compounds - <3%

Section 9 - Special Protection Information

Respiratory Protection (Specify type):	Need approved organic vapor mask if TLV is exceeded.		
Ventilation:	Local Exhaust Mechanical (General)	Use for fumes & to maintain below TLV value.	Special: N/A Other: N/A
Protective Gloves:	Use oil-impervious gloves.	Eye Protection:	Use goggles or face shield.
Other Protective Equipment:	Use oil-resistant apron, if needed.		

Section 10 - Special Precautions

Precautions to be taken in handling and storing:
Store in cool, dry area out of direct sunlight. Do not puncture or incinerate, or heat full or empty containers above 130°F.

Other Precautions:
Please read and follow the directions on the product label. Keep away from children.

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