



# LUBRIPLATE®

## MATERIAL SAFETY DATA SHEET

### Section 1

**PRODUCT NAME OR NUMBER**

LUBRIPLATE Gear Shield Extra Heavy (AEROSOL)

**GENERIC/CHEMICAL NAME:**

Petroleum Lubricating Grease

**Manufacturer's Name**

Fiske Brothers Refining Co.

**Address**

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

**FORMULA**

Grease, Solvent and Propellant

**USDA AUTHORIZATION:**

H-2

**Emergency Telephone Number**

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

**Telephone Number for Information**

419-691-2491 - Toledo Office

### Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Oil Mist in Air	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>		
Heptane	1600 mg/m <sup>3</sup>	1600 mg/m <sup>3</sup>		25 - 35
LPG (Propellant)	1000 ppm	1000 ppm		15 - 20
Acetone	750 ppm	500 ppm		15 - 20

\* ACGIH - LISTED AS SIMPLE ASPHYXIAN (See Section III)

**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 Heptane - 400 ppm, Propane - 1000 ppm, TLV for oil mist = 5mg/m<sup>3</sup>  
PEL Acetone - 750 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:** LEL 0.9% UEL 9.5%

**Extinguishing Media:** Foam, Dry Chemical, and 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**

<b>Boiling Point:</b>	(Aerosol) N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	0.98
		Of Product	
<b>Vapor Pressure (mm Hg.):</b>	Aerosol @ 130°F. - 115-psig	<b>Melting Point:</b>	Spray
<b>Vapor Density (AIR = 1):</b>	>1	<b>Evaporation Rate:</b>	Faster
		(Butyl Acetate = 1)	
<b>Solubility in Water:</b>	Insoluble		
<b>Appearance and Odor:</b>	Gray to Black mist with odor of solvent from aerosol can.		

**Section 7 - Reactivity Data**

<b>Stability:</b>	Unstable Stable X	<b>Conditions to Avoid</b>	Avoid spraying into open flame or onto red-hot surfaces.
<b>Incompatibility (Materials to Avoid):</b>	Strong oxidizers.		
<b>Hazardous Decomposition or Byproducts:</b>	May form Carbon Monoxide if combustion is not complete.		
<b>Hazardous Polymerization:</b>	May Occur Will Not Occur X	<b>Conditions to Avoid:</b>	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 Oxide < 3%

**Section 9 - Special Protection Information**

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