Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements

U.S. Department of Labor
Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

LITHIUM COMPLEX E.P. GREASE (270010)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Distributed by: Beaver Research Company	Emergency Telephone Number: 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code): 3700 E. Kilgore Road, Portage, MI 49002	Telephone Number For Information: 269-382-0133
NFPA/HMIS RATINGS: Health: 1/1; Flammability: 1/1; Reactivity: 0/0; Special/Personal Protection: -/B	Date Prepared: 06/02/95
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	SARA III List	Carcinogen Ref. Source**
Petroleum Oil Mixture	647452-52-5	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	No	d

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O = 1)	0.8
Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	<0.01	Vapor Pressure: PSIG @ 70°F (Aerosols)	N/A
Vapor Density (AIR = 1)	12	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water	Water Reactive
Negligible	No

Appearance and Odor

Blue gel with oil odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (non-aerosols)	Flammable Limits	LEL	UEL
>400°F COC		N/D	N/D

Extinguishing Media

Dry chemical (preferred), carbon dioxide, foam, water.

Special Fire Fighting Procedures

Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		

Incompatibility (Materials to Avoid)

Chlorine or oxygen.

Hazardous Decomposition or Byproducts

Thermal: unidentified organics. Oxidation: oxides of carbon.

Hazardous Polymerization	May Occur		Conditions to Avoid	Oxidizing atmospheres.
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	No

Health Hazards (Acute and Chronic)

Acute: **Inhalation**: Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowziness. **Eye Contact**: May cause irritation. **Skin Contact**: May cause irritation. **Ingestion**: May cause vomiting, nausea, diarrhea.
Chronic: None noted.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

Dermatitis.

Emergency and First Aid Procedure

Eye Contact: Wash with large amounts of water. If irritation persists, call a physician. **Skin Contact**: Remove contaminated clothing. Wash with soap and water. **Inhalation**: Remove to fresh air. **Ingestion**: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

Precautions to be Taken in Handling and Storage

Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Normal	Other	N/A

Protective Gloves	Eye Protection
Oil resistant types.	Splash goggles or safety glasses.

Other Protective Clothing or Equipment

Oil resistant apron.

Work/Hygienic Practices

Do not work in oil soaked clothing. Wash after handling.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only