

Safety Data Sheet

Lithium Grease (EP-2)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Lithium Grease (EP-2)
Supplier : ValPar
PO Box 3856, Hwy #1 East
Regina, SK S4P 3R8
CANADA
Telephone : 877-685-4886
Product/MSDS Information : 306-791-5911
Canutec (24 hr) : 613-996-6666



2. COMPOSITION/INFORMATION ON INGREDIENTS

None Toxic

3. PHYSICAL DATA

Appearance-Odor-pH : Blue buttery grease – mild odor
Evaporation Rate : Slower than ether
(butyl acetate=1)
Melting or Freezing Point : >260°C
Solubility in water : Negligible
Boiling Point : Above 316°C
Vapor density (air=1) : Heavier than air
Percent Volatile (by wt.) : Negligible
Viscosity : NLGI #2 consistency
Vapor Pressure (mm Hg) : <0.01
Specific Gravity (water=1) : 1.029

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point : >199°C
Auto Ignition Temperature : 371°C
Upper Explosion Limit (%) : N/A
Lower Explosion Limit (%) : N/A
Extinguishing Media : CO2
Dry Chemical
Foam
Water Fog

- Special Fire Fighting Procedures** : Wear MSHA/NIOSH-approved, pressure-demand, self-contained breathing apparatus. Use water spray to cool fire-exposed containers.
- Unusual Fire and Explosion Hazards** : Dense smoke

4. HEALTH HAZARD DATA

- Effects of Exposure** : Prolonged or repeated skin contact may cause irritation
- Emergency and First Aid Procedures**
- Inhalation** : Move subject to fresh air
- Eye and Skin Contact** : Flush eyes with large amount of water for at least 15 minutes. Consult a physician if irritation persists. Wash affected skin areas with soap and water
- Ingestion** : DO NOT give anything by mouth or induce vomiting unless directed by a physician. If unconscious, prevent aspiration of vomitus by placing face down in prone position with head turned to one side. Obtain immediate medical advice and/or attention.

5. REACTIVITY DATA

- Stability** : Stable
- Conditions to avoid** : Contact with heat & flame
- Hazardous Decomposition Products** : Oxides of carbon, sulfur, lithium, & calcium
- Hazardous Polymerization** : Will not occur
- Incompatibility (Materials to Avoid):** Strong oxidizers – bromine, chromic acid

6. ACCIDENTAL RELEASE MEASURES

Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before reuse. Dike and contain spill with inert material (sand, earth, fuller's earth, etc.) and transfer liquid and solid diking material to separate containers for recovery or disposal. Floor may be slippery – use care to avoid fall. Keep spill out of all sewers and open bodies of water.

- Waste Disposal Methods** : Incinerate liquid in approved equipment. Landfill contaminated diking material according to current local, provincial, and federal regulations.

7. SPECIAL PROTECTION INFORMATION

- Ventilation Type** : Normal room ventilation
- Respiratory Protection** : None required under normal conditions of use
- Protective Gloves** : Chemical resistant
- Eye Protection** : None normally required; splash goggles if contact is possible
- Other Protective Equipment** : None required

8. STORAGE AND LABELING

Keep in cool, dry area away from heat & flame

9. TOXICITY INFORMATION

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IRAC, NTA, OSHA, or ACGIH as a carcinogen.

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.