

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

[Prepared According to 29 CFR 1910.1200]

SECTION 1

IDENTIFICATION

Product Name: **LITHIUM GREASE**
Distributor's Name: Chemax Corporation
Distributor's Address: P.O. Box 7453 - Beaumont, TX 77726-7453
Distributor's Phone Number: (800)346-0132
Proper Shipping Name: Consumer Commodity, ORM-D
Effective Date: 7/26/07

SECTION 2

IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS

Chemical Name:	CAS No.:	TLV:
Propane / Isobutane blend	68476-86-8	800ppm
Soybean Oil	8001-22-7	NE
White Lithium	1314-13-2	NE
Soltrol 10 Aromatic	64742-95-6	100ppm

SECTION 3

HAZARDS IDENTIFICATION

Effects of Overexposure:

SKIN: Skin irritant. Will cause defatting of skin. Effects are reversible.
EYES: Eye irritant. Will cause redness and burning sensation.
INHALATION: Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death.
INGESTION: Aspiration hazard if swallowed.

SECTION 4

FIRST AID MEASURES

First Aid Procedures:

SKIN: Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.
EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention.
INHALATION: Remove person to fresh air. If irritation persists, give oxygen, get medical attention.
INGESTION: DO NOT induce vomiting. Seek medical attention immediately.
Note: Never give anything by mouth to an unconscious or convulsing victim.
Keep person warm and quiet.

SECTION 5 FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-flammable aerosol per ASTM D-3065-77 Flame Extension Test
Flash Point(Propellant): <0°F
Flammable Limits(Propellant): LEL: Not established UEL: Not established
Extinguishing Media: Use water fog, dry chemical or carbon dioxide.
Special Fire Fighting Procedures: Aerosol cans may rupture when heated.
Unusual Fire and Explosion Hazards: Heated cans may burst.

SECTION 6 SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released or Spilled:
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

SECTION 7 STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storing:
When spraying more than one half can continuously or more than one can consecutively,
use NIOSH approved respirator.
STORE AT TEMPERATURES BELOW 120°F KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME
KEEP AWAY FROM CHILDREN FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
FOR USE BY TRAINED PERSONNEL ONLY KEEP CONTAINER CLOSED DURING STORAGE

SECTION 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: Self-contained breathing apparatus if above TLV limit.
Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: None required if spraying.
Eye Protection: As with all cleaners, Chemax supports employee safety as priority #1.
Therefore, we recommend the use of safety glasses or chemical splash goggles.
Other Protective Equipment: Long sleeves and long pants.
Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

SECTION 9 PHYSICAL DATA

Boiling Point: <0 to 350°F Specific Gravity(H₂O=1): 0.74±0.05
Solubility in Water: Nil Evaporation Rate: Slower than Ether
Vapor Density(Air=1): Heavier than air pH: NA

SECTION 10 REACTIVITY DATA

Stability: Unstable _____
Stable X
Incompatibility (Materials to Avoid): None known.
Conditions to Avoid: High temperatures.
Hazardous Decomposition or Byproducts: In fire, will decompose to carbon dioxide, carbon monoxide
Hazardous Polymerization: Will not occur

SECTION 11**TOXICOLOGY DATA****Cronic Health Hazards:**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

SECTION 12**ECOTOXICOLOGICAL INFORMATION**

No data available.

SECTION 13**DISPOSAL CONSIDERATIONS****Waste Disposal Method:**

Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 14**TRANSPORT INFORMATION**

Proper Shipping Name: Aerosols, 2

DOT Classification: Limited Quantities

UN Number: UN1950

SECTION 15**REGULATORY INFORMATION**

SARA Title III, Section 313 Components:

None

SECTION 16**OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. **LITHIUM GREASE A-149**