

# MATERIAL SAFETY DATA SHEET

## C & L L-12

### 1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER/SUPPLIER:**

Chem and Lube  
1901 South 12th Street  
Allentown, PA 18103-4777

**Emergency Spill Information:**

1-800-255-3924 Chem-Tel (USA)

**Other Product Information:**

610-798-9222

### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>% W</u>	<u>CAS Number</u>
Lithium 12 Hydroxystearate	4-7	7620-77-1
Mineral oil	35-50	64742-65-0
Mineral oil	40-60	64742-16-1 / 64741-56-6
*Zinc Alkyldithiophosphate	.5-2.0	68649-42-3

\*This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

### 3.0 HAZARDS IDENTIFICATION

**Toxic and Hazardous Ingredients:** Zinc Alkyldithiophosphate

**Permissible Concentrations (air):** N/A

**Chronic Effects of Overexposure:** None, when used with good personal hygiene practices. May otherwise cause skin and eye irritation upon prolonged or repeated contact.

**Acute Toxicological Properties:** No Data Available.

**Potential Health Effects:**

**Eye Contact:** Avoid eye contact. Flush with water for at least 15 min. Get medical attention.

**Skin Contact:** Avoid excessive skin contact. Remove contaminated clothing and flush with soap and water.

**Inhalation:** N/A

**Ingestion:** Do not take internally. Contact a physician immediately. Do not induce vomiting.

**HMIS Code:** (Health: 0) (Flammability: 1) (Reactivity: 0)

**NFPA:** (Health: 0) (Flammability: 1) (Reactivity: 0)

**ADVICE TO PHYSICIANS:** High velocity injection under the skin may result in serious injury. If left untreated the affected area is subject to infection, disfigurement, lack of blood circulation and may require amputation. When dispensed by high pressure equipment this material can easily penetrate the skin and leave a bloodless puncture wound. Material injected into a finger can be deposited into the palm of the hand. Within 24-48 hours the patient may experience swelling, discoloration, and throbbing pain in the affected area. Immediate treatment by a surgical specialist is recommended.

#### **4.0 FIRST AID MEASURES**

**Eye:** Flush eyes with plenty of water. Get medical attention.

**Skin:** Wash exposed skin with soap and water. Get medical attention if irritation develops.

**Ingestion:** Get medical attention immediately. Do not induce vomiting.

#### **5.0 FIRE FIGHTING MEASURES**

**Flashpoint:** 440° F

**Method:** D-92

**UEL:** N/A

**LEL:** N/A

**Autoignition Temperature:** 485° F

**Flammability Classification:** Flammable.

**Extinguishing Media:** Dry chemical or waterfog or CO<sub>2</sub> or foam or sand/earth. Water may cause frothing.

**Unusual Fire and Explosion Hazards:** None

**Fire Fighting Equipment:** Firefighters should wear an approved self-contained breathing apparatus. Do not use water except as fog.

#### **6.0 ACCIDENTAL RELEASE MEASURES**

**Procedures for Clean-Up:** Absorb residue with an inert material such as sand. Sweep or scoop up and dispose as solid waste in accordance with local, state and federal regulations.

**Waste Disposal:** Dispose of in accordance with all applicable local, state and federal regulations.

#### **7.0 HANDLING AND STORAGE**

**Handling:** No special requirements if handled with reasonable care.

**Storage:** Do not store in high temperature areas or where subject to open flames. Keep container closed until ready for use.

#### **8.0 CHEMICAL AND PHYSICAL PROPERTIES**

Appearance and Odor : Black (semi-solid) Petroleum  
pH : N/A  
Vapor Pressure : N/A  
Vapor Density : N/A  
Boiling Point : 700° F  
Melting Point : 365° F  
Solubility : Nil  
Specific Gravity : 0.89 @ 16° C  
Volatility : 0  
Evaporation Rate : N/A

## **9.0 SPECIAL PERSONAL PROTECTION**

**Eye:** Full face shield.

**Skin:** Wear Neoprane or Nitrile gloves.

**Inhalation:** None required; however, use of adequate ventilation is good industrial practice.

**Respiratory Protection:** N/A

**Other Protective Equipment:** None normally required.

## **10.0 STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Excessive skin contact.

**Materials to Avoid:** Avoid strong oxidizers such as hydrogen peroxide, bromine and chromic acid and open flames

**Hazardous Decomposition:** Carbon monoxide and carbon dioxide from burning; oxides of sulfur; oxides of nitrogen; sulfur dioxide or hydrogen sulfide, depending upon decomposition conditions; oxides of calcium.

## **11.0 TRANSPORTATION INFORMATION**

### **U.S. Department of Transportation**

**Shipping Name:** Not Regulated      **Reportable Quantity:** N/A

**Freight Classification:** Petroleum Lubricating Grease

**Special Transportation Notes:** N/A

## **12.0 ENVIRONMENTAL /SAFETY REGULATIONS**

**Section 313 (Title III Superfund Amendment and Reauthorization Act):** This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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Last Revision: 2/8/01

This material safety data sheet conforms to the requirements of ANSI Z400.1.

This material safety data sheet and the information it contains is offered to you in good faith as accurate. It may not be valid for this material if used in combination with any other material or in any other process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his or her own particular use. Chem and Lube assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.