

**TUTHILL VACUUM & BLOWER SYSTEMS  
MATERIAL SAFETY DATA SHEET**

**1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

PRODUCT NAME: PNEULUBE LITHIUM COMPLEX GREASE

PRODUCT CODE: 1502

CHEMICAL FAMILY: PETROLEUM HYDROCARBON; LUBRICATING GREASE

CHEMICAL NAME: (SEE SECTION II)

**MANUFACTURER:**

Tuthill Vacuum & Blower Systems

4840 W. Kearney Street

Springfield, MO65803

1-800-825-6937; 417-865-8715

Preparation Date: 04/16/06

**EMERGENCY TELEPHONE NUMBERS:**

CHEMTREC: 1-800-424-9300

HAZARD RATING: NFPA HMIS

HEALTH:               0     0

FIRE:                   1     0

REACTIVITY:           0     0

**2. COMPOSITION/INFORMATION**

**ON INGREDIENTS**

PneuLube Lithium Complex Grease

Oil, Solvent Neutral

Soap Thickener

Minor Additives

**GAS**

Mixture

64742-65-0

**CONCENTRATION(%)**

100

80-90

Proprietary

Proprietary

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**POTENTIAL HEALTH EFFECTS:**

None when used with good personal hygiene practices. May otherwise cause skin and eye irritation upon prolonged or repeated contact.

**CARCINOGENICITY**

This product and its components are not classified as carcinogens by the IARC, NTP or OSHA.

#### **4. FIRST AID MEASURES:**

EYES	Flush eyes with water. If irritation occurs, get medical attention.
SKIN	Remove contaminated clothing/shoes, wipe excess from skin. Wash with soap and water. If irritation occurs, get medical attention. If material is injected under skin, get medical attention. For high-pressure injection under skin see a physician immediately.
INHALATION	Remove victim to fresh air if discomfort is experienced while handling hot product.
INGESTION	DO NOT INDUCE VOMITING. If this material has been swallowed, get medical attention immediately.

#### **5. FIRE FIGHTING MEASURES**

FLASH POINT	>356°F
FLAMMABLE LIMITS/% VOLUME IN AIR:	
LOWER	N/AV
UPPER	N/AV

EXTINGUISHING MEDIA Use foam, dry chemical or CO<sub>2</sub>.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Dense smoke. Fire fighters should wear an approved self-contained breathing apparatus. Do not use water except as fog. May cause frothing.

UNUSUAL FIRE HAZARD: Oxides of carbon and phosphorous may be released when burned.

#### **6. ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES Transfer bulk of product into appropriate container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose of as solid waste in accordance with local, state and federal regulations.

LARGE SPILLS Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent material such as clay, sand or other suitable material; dispose of properly.

SMALL SPILLS Take up with an absorbent material and dispose of properly.

#### **7. HANDLING AND STORAGE**

Keep container closed until ready to use.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION REQUIREMENTS	Wear protective goggles if exposure warrants.
SKIN PROTECTION REQUIREMENTS	Protective clothing as required to minimize skin contact.
RESPIRATOR/VENTILATION REQUIREMENTS	None.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM	Semi-solid gel
COLOR	Green
ODOR	Mild hydrocarbon odor
BOILING POINT	No data available
MELT POINT/FREEZE POINT	N/A
PH	N/A
SOLUBILITY IN WATER	Negligible at 25°C
SPECIFIC GRAVITY	(water = 1) @ room temperature .947
BULK DENSITY	7.4 lb/gl
% VOLATILE BY WEIGHT	Not determined
VAPOR PRESSURE	(mm Hg @ 20°C) N/A
VAPOR DENSITY	N/A

## **10. REACTIVITY**

STABILITY	Stable
HAZARDOUS POLYMERIZATION	Will not occur
INCOMPATIBILITIES	Avoid heat, open flame, and oxidizing materials such as hydrogen peroxide, bromine, and chromic acid.
DECOMPOSITION PRODUCTS	Carbon dioxide, carbon monoxide, oxides of nitrogen, phosphorous and sulfur may be released when burned.

## **11. TOXICOLOGICAL INFORMATION**

No specific toxicity test has been conducted on this product.

## **12. ECOLOGICAL INFORMATION**

No specific ecological test has been conducted on this product.

## **13. DISPOSAL CONSIDERATIONS**

Place in appropriate disposal facility in compliance with local regulations.

## **14. TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME	Not applicable
TECHNICAL SHIPPING NAME	Not applicable
D.O.T. HAZARD CLASS	Not hazardous by D.O.T. regulations.

PRODUCT TRADE NAME: PNEULUBE LITHIUM COMPLEX GREASE

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## **15. REGULATORY INFORMATION**

### **SARA SECTION 313 SUPPLIER INFORMATION**

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 and of 40 CFR 372.

None

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