



# MATERIAL SAFETY DATA SHEET

## CHROMATE INDUSTRIAL CORPORATION®

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FOR CHEMICAL  
EMERGENCY  
Call Chemtrec day/night:  
1-800-424-9300

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Teflon Dry Lube  
RED LION PART NUMBER: 74116  
PRODUCT TYPE: Lubricant  
CHEMICAL FAMILY: N/A

DATE PREPARED: 6/7/05

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	VAPOR PRESSURE	CAS #
Propane	9	1000 ppm	2500 ppm	760 mm	74-98-6
Butane	21	800 ppm	800 ppm	760 mm	106-97-8
Light Aliphatic Hydrocarbon Solvent	68	Not Available	Not Available	100 mm	68410-97-9
2-Propanol	1	400 ppm	400 ppm	33 mm	67-63-0
		500 ppm STEL	500 ppm STEL		

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

\* An asterisk (\*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

### 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Inhalation, Ingestion, Skin, Eyes  
EFFECTS OF OVEREXPOSURE:

**INHALATION:** Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapors or spray mists.

**INGESTION:** None

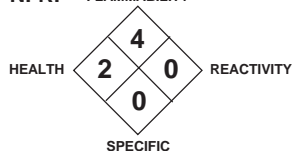
**SKIN CONTACT:** Prolonged or repeated exposure may cause irritation. Redness and itching or burning sensation.

**EYE CONTACT:** Irritation. Redness and itching or burning sensation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None generally recognized.

### HAZARD RATINGS

NFR: FLAMMABILITY



### 4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

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

**SKIN CONTACT:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**EYE CONTACT:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

### 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): <0°F FLAMMABLE LIMITS: LEL 1.0 UEL 12.7

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

**FIRE FIGHTING PROCEDURES:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**UNUSUAL AND EXPLOSION HAZARDS:** Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILLS OR LEAKS:** Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

### 7. HANDLING AND STORAGE

**SPECIAL PRECAUTIONS:** Keep away from heat, sparks or open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PRECAUTIONS TO BE TAKEN IN USE:** Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

**RESPIRATORY:** If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

**SKIN PROTECTION:** None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

**EYE PROTECTION:** Wear safety spectacles with unperforated sideshields.

**OTHER EQUIPMENT:** Long sleeve and long pants.

**EXPOSURE GUIDELINES:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**OTHER PRECAUTIONS:** Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT:** <0 - 245°F (<-18 - 118°C)

**PRODUCT WEIGHT:** 5.53 lb/gal 662 g/l

**VAPOR DENSITY (AIR = 1):** Heavier than air

**SOLUBILITY IN WATER:** N/A

**PERCENT VOLATILE BY VOLUME:** 99%

**APPEARANCE AND ODOR:** Clear, Solvent

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.67

**MELTING POINT:** N/A **pH:** N/A

**EVAPORATION RATE (BUTYL ACETATE = 1):** Faster than ether

**FORM:** Liquid

**VOLATILE ORGANIC COMPOUNDS:**

Volatile Weight 99.58% less water and Federally Exempt Solvents

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY (MATERIALS TO AVOID):** None known

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** By Fire: Carbon Dioxide, Carbon Monoxide

**11. TOXICOLOGICAL INFORMATION**

**CHRONIC HEALTH HAZARDS:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

CAS NO.	INGREDIENT NAME	LC50	RAT	4 HR	Not Available
74-98-6	Propane	LD50	RAT		Not Available
106-97-8	Butane	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available
68410-97-9	Light Aliphatic Hydrocarbon Solven	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available
67-63-0	2-Propanol	LC50	RAT	4 HR	Not Available
		LD50	RAT		5045 mg/kg

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**CHEMICAL FATE INFORMATION:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS:** No data available.

**WASTE DISPOSAL METHOD:** Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial and Local regulations regarding pollution.

**14. TRANSPORT INFORMATION**

**TRANSPORTATION REQUIREMENTS (49CFR172-101)**

**D.O.T. CLASSIFICATION:** Consumer Commodity ORM-D

**D.O.T. SHIPPING NAME:** None

**15. REGULATORY INFORMATION**

**EXPOSURE LIMITS:** No data available.

**16. OTHER INFORMATION**

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 to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. 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.

N/D — NOT DETERMINED    N/A — NOT APPLICABLE    N/R — NOT REGULATED

Conforms to 29 CFR 1910.1200, OSHA

ANSI Z129.1 - 1988 American National Standard for Hazardous Industrial Chemicals