



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**  
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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## IDENTITY AND MANUFACTURER'S INFORMATION

**PRODUCT NAME:** DRY LUBE PLUS

**DATE PREPARED:** September 16, 2009

**PART NUMBER:** 74099

**CHROMATE INDUSTRIAL CORPORATION**

**NFPA Rating:** Health-2; Flammability-2; Reactivity-0; Special-N/A

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**HMIS Rating:** Health-2; Flammability-2; Reactivity-0;  
Personal Protection-B

**DOT HAZARD CLASSIFICATION:** ORM-D

## SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	<b>CAS Number</b>	<b>SARA III LIST</b>	<b>OSHA PEL (ppm)</b>	<b>ACGIH TLV (ppm)</b>	<b>Carcinogen Ref. Source **</b>
PETROLEUM DISTILLATE (HYDROTREATED)	64742-47-8	No	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)	d
PETROLEUM OIL	64742-57-0	No	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)	d
OXIDIZED PETROLEUM DISTILLATE	64742-18-4	No	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)	d
CARBON DIOXIDE	124-38-9	No	5000	5000	d

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

## SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A

**Specific Gravity** (H<sub>2</sub>O=1): Concentrate Only = 0.80

**Vapor Pressure:** PSIG @ 70°F (Aerosols): 70-90

**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/A

**Vapor Density** (Air = 1): > 1

**Evaporation Rate** (water = 1): less than 1

**Solubility in Water:** Negligible

**Water Reactive:** No

**Appearance and Odor:** Wide, conical mist of opaque, tan liquid with fine particles and with solvent odor.

## SECTION 3 – FIRE AND EXPLOSION HAZARD

**FLAMMABILITY** as per USA FLAME PROJECTION TEST (aerosols): greater than 24" with flashback to tip: EXTREMELY FLAMMABLE

**Auto Ignition Temperature:** N/E

**Flammability Limits in Air by % in Volume:** % LEL: N/E % UEL: N/E

**FLASH POINT AND METHOD USED** (non-aerosols): (liquid concentrate only): greater than 170°F SPECIAL FIRE FIGHTING PROCEDURES:  
Self-contained breathing apparatus.

**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide.

**Unusual Fire & Explosion Hazards:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

**SECTION 4 – REACTIVITY HAZARD DATA**

**STABILITY** [ X ] STABLE [ ] UNSTABLE

**HAZARDOUS POLYMERIZATION** [ ] WILL [ X ] WILL NOT OCCUR

**Incompatibility** (Mat. to avoid): Strong oxidizing agents.

**Conditions to Avoid:** Open flame, welding arcs, heat, sparks.

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, trace oxides of sulfur and zinc in addition to unknown organic compounds.

**SECTION 5 – HEALTH HAZARD DATA**

**PRIMARY ROUTES OF ENTRY:** [ X ] INHALATION [ X ] INGESTION [ X ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

**ACUTE EFFECTS**

**Inhalation:** Excessive inhalation of mists can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.

Note: Vapor inhalation unlikely as solvents are not volatile.

**Eye Contact:** Irritant.

**Skin Contact:** Irritant due to defatting of skin.

**Ingestion:** Possible chemical pneumonitis if aspirated into lungs.

**CHRONIC EFFECTS**

(Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, lung and kidney damage.

**Medical Conditions Generally Aggravated by Exposure:**

May aggravate existing eye, skin, or upper respiratory conditions.

**EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.

**Skin Contact:** Wash with soap and water. If irritated, seek medical attention.

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**Ingestion:** **DO NOT INDUCE VOMITING.** Drink two large glasses of water. Get immediate medical attention.

**SECTION 6 – CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection (specify type):** If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor mists.

**Protective Gloves:** Neoprene, nitrile or other solvent resistant gloves

**Eye Protection:** Safety glasses recommended.

**Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.

**Other Protective Clothing & Equipment:** None

**Hygienic Work Practices:** Wash with soap and water before handling food.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken If Material Is Spilled Or Released:** Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**Other Precautions &/or Special Hazards:** **KEEP OUT OF REACH OF CHILDREN.** Avoid food contamination.

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*