

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY #: CANUTEC (613) 996-6666**

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I Super Dry (Bulk) **EFFECTIVE DATE:** January 15, 2009  
**WHMIS CLASS:** Class B-Div 2, Class D-Div1B, Class D 2B  
**T.D.G. CLASSIFICATION:** Poisonous(Toluene)  
**UN:** 1992 **CLASS:** 3 **PG:** 11 **CHEMICAL FAMILY:** N/A  
**MATERIAL USE:** Dry Moly Lube  
**PRODUCT TYPE:** Liquid-Solvent

### HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TWA-TLV	LD50	LC50
Methylene Chloride	75-09-2	40-80	25ppm TWA	167mg/kg oral rat	19049 ppm Rat 4hr
Petroleum Distillate	64742-69-8	1—20	400 ppm	N/D	N/D

### PHYSICAL DATA

**BOILING POINT(°F):** 82.0 **COEF. OF WATER/OIL DIST.:**  
**VAPOUR PRESSURE (psig @75°F):** 50.0 **SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.280 @75F  
**VAPOUR DENSITY (Air=1):** >1 **PERCENT VOLATILE (by vol.):**  
**SOLUBILITY IN WATER:** Slight **EVAPORATION RATE (H<sub>2</sub>O=1):**  
**PHYSICAL STATE:** **ODOUR THRESHOLD:**  
**pH (as supplied):** N/A **FREEZING POINT(°F):**  
**APPEARANCE AND ODOUR:** Black liquid, mild sweet odour.

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Flammable  
**FLASH POINT (Deg F method):** 80.0 T.O.C.  
**UEL:**  
**LEL:**  
**HAZARDOUS COMBUSTION PRODUCTS:**  
**MEANS OF EXTINCTION:** Foam, carbon dioxide, dry media.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

### REACTIVITY DATA

**CONDITIONS FOR CHEMICAL INSTABILITY:** Stable  
**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents, alkaline oxides, acid anhydrides, esters.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen chloride, small amount of phosgene, carbon dioxide, carbon monoxides.

### FIRST AID

**EYE:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.  
**SKIN:** Wash with soap and water. If irritation persists, get medical attention.  
**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops, get medical attention.  
**INGESTION:** Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes, skin contact, inhalation, ingestion

**EFFECTS OF ACUTE EXPOSURE:**

**EYE:** May cause slight irritation, but does not irritate eye tissue.

**SKIN:** Wash with soap and water. If irritation persists, get medical attention.

**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, and other central nervous system effects.

**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis. Minimal toxicity

**EFFECTS OF CHRONIC EXPOSURE:**

**IRRITANCY:**

**RESPIRATORY TRACT SENSITIZATION:**

**CARCINOGENICITY:** Non hazardous by WHIMIS criteria.

**REPRODUCTIVE TOXIN:** Not sufficient data

**TERATOGENICITY:** Not sufficient data.

**MUTAGENICITY:** Not sufficient data.

**SYNERGISTIC MATERIALS:** Not available

**EXPOSURE LIMITS:**

## PREVENTATIVE MEASURES

**GLOVES:** None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact is to be made.

**EYE PROTECTION:** None needed unless it is anticipated that a splash, or spray back will occur, then wear safety glasses.

**RESPIRATORY PROTECTION:** None needed for proper use in accordance with directions on label.

**ENGINEERING CONTROLS:** Provide local exhaust to keep TLV of section II ingredients below acceptable limits.

**LEAK AND SPILL PROCEDURE:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources, and open flame far away from spill or leak. Cover with absorbent material, and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with federal, provincial, and local regulations.

**WASTE DISPOSAL:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult federal, provincial, and local laws

**STORAGE REQUIREMENTS:** Store in a cool, dry area, away from open flame. Do not store in temperatures above 120 deg F. *Keep out of reach of children.*

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
3	0	2	N/AV

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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