

**CHEM INTERNATIONAL****MATERIAL SAFETY DATA SHEET****EMERGENCY #: CANUTEC (613) 996-6666****PRODUCT IDENTIFICATION AND PREPARATION INFORMATION**

**PRODUCT NAME:** CI Dry Skid  
**WHMIS CLASS:** CLASS A, D2A, D2B  
**T.D.G. CLASSIFICATION:** N/A  
**UN:** N/A      **CLASS:** N/A      **PG:** N/A  
**MATERIAL USE:** Dry Lubricant

**EFFECTIVE DATE:** January 7, 2009**CHEMICAL FAMILY:** Pressurized Blend**HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TLV-TWA
Isoparaffinic Hydrocarbon	64741-66-8	25 - 35	NO	NO	NO	N/E	*281 ppm
Heptane, Branched, Cyclic, and Linear	426260-76-6	10 - 20	NO	NO	NO	500 ppm	400 ppm
Isopropyl Alcohol	67-63-0	1 - 10	NO	NO	NO	400 ppm	200 ppm
Polytetrafluoroethylene	9002-84-0	1-10	NO	NO	NO	N/E	*10 mg/m3
Liquefied Petroleum Gas	68476-86-8	40-50	NO	NO	NO	1000 ppm	1000 ppm

\* Manufacturer's recommended 8-hour exposure limit (TWA).

**PHYSICAL DATA****BOILING POINT:** 180°F**pH:** N/A**APPEARANCE/ODOR:** White liquid with solvent odor.**TOTAL VOC %:** 98.12%**SPECIFIC GRAVITY (H2O=1)@70°F:** 0.745**SOLUBILITY IN WATER:** Minimal**VAPOR DENSITY(AIR=1):** >1**VAPOR PRESSURE (CAN; PSIG @72°F):** 50 psig**FIRE AND EXPLOSION DATA****FLASH POINT (CONC.):** 15°F Flammability (as per CSMA Flame Projection Test): Extremely Flammable Spray**EXTINGUISHING MEDIA:** Foam, CO2, Dry Media**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Exposure to temperature above 120° F may cause bursting.**REACTIVITY DATA****STABILITY:** Material Stable. Hazardous Polymerization: Will not Occur.**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, hydrochloric acid, hydrofluoric acid, perfluoroisobutylene, and possibly carbonyl halides.**FIRST AID****EYES:** 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 seek medical attention.**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact ( ), Skin contact ( ), Skin absorption ( ), Inhalation ( ), Ingestion ( )

### EFFECTS OF ACUTE EXPOSURE:

**EYES:** May cause chemical and mechanical irritation with symptoms including redness, swelling, pain, tearing, corneal abrasion, and blurred or hazy vision.

**SKIN:** Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.

**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, anesthesia, dizziness, headache, rapid breathing, narcosis, and other central nervous system effects, including unconsciousness and death.

**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and abdominal pain. Aspiration of material into the lungs can cause severe pulmonary injury, possibly progressing to death.

### EFFECTS OF CHRONIC EXPOSURE:

**IRRITANCY:** N/AV

**SENSITIZATION:** N/AV

**CARCINOGENICITY:** N/AV

**REPRODUCTIVE TOXIN:** N/AV

**TERATOGENICITY:** N/AV

**MUTAGENICITY:** N/AV

**SYNERGISTIC MATERIALS:** N/AV

**EXPOSURE LIMITS:** N/AV

## PREVENTATIVE MEASURES

**HAND PROTECTION:** Use chemical resistant gloves if hand contact will be made.

**EYE PROTECTION:** Always wear safety glasses or chemical proof goggles when working with chemicals.

**RESPIRATORY PROTECTION:** None needed for proper use in accordance with label direction. Provide local exhaust to keep vapor concentrations of ingredients listed in Section II below acceptable limits.

**BODY PROTECTION:**

**FOOT PROTECTION:**

**ENGINEERING CONTROLS:**

**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.

**WASTE DISPOSAL:** Review federal, provincial and local government requirements prior to disposal.

**STORAGE REQUIREMENTS:** For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120° F.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
3	0	1	B

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.

## CHEM INTERNATIONAL

18043 – 107 Avenue  
Edmonton, Alberta  
T5S 1K3  
(800) 665-7287