

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

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

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I. Super Red Lube

**EFFECTIVE DATE:** March 27, 2006

**WHMIS CLASS:** Class A, B Div. 5, D Div. 2, Sub Div. B

**T.D.G. CLASSIFICATION:** Consumer Commodity.

**CHEMICAL FAMILY:**

**UN: CLASS: PG:**

**MATERIAL USE:** Red Spray Grease

### HAZARDOUS INGREDIENTS

<b>INGREDIENTS</b>	<b>CAS #</b>	<b>Wt%</b>	<b>ACGTH-TLV</b>	<b>LC50</b>	<b>LD50</b>
Butane-Propane Blend	68476-86-6	10-30	N/AV	10200ppm/4hr. Inhalation, Rat	6960mg/kg Oral Rat
Petroleum Nophtha	64741-65-4	5-10	N/AV Inhalation, Rat	<5900mg/kg	>8000mg/kg Oral,rat
Heptane	142-82-5	30-40	N/AV	N/AV	N/AV

### PHYSICAL DATA

**BOILING POINT(°C):** 92-100

**VAPOUR PRESSURE (mm Hg):** 35 psig

**VAPOUR DENSITY (Air=1):** >Air

**SOLUBILITY IN WATER:** Negligible

**PHYSICAL STATE:** Liquid

**pH (as supplied):** N/AP

**APPEARANCE AND ODOUR:** Faint petroleum, red liquid.

**COEF. OF WATER/OIL DIST.:**

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** Conc. 0.7168 @ 20°C

**PERCENT VOLATILE (wt%):** Approx. 61.0

**EVAPORATION RATE (BuAc=1):** 0.86

**ODOUR THRESHOLD:**

**FREEZING POINT(°C):**

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Yes.

**FLASH POINT (Deg C method):** Flame extension >45cm.

**UEL:** N/AV

**LEL:** N/AV

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, and other irritating fumes.

**MEANS OF EXTINCTION:** Use foam, dry chemical, carbon dioxide, water fog to extinguish fire.

**SPECIAL FIRE HAZARDS:** Use self contained breathing apparatus for all indoor fires and any significant outdoor fires. Use water fog to keep containers cool.

### REACTIVITY DATA

**CONDITIONS FOR CHEMICAL INSTABILITY:** No.

**INCOMPATIBILITY:** Avoid excessive amounts of heat, and possible ignition sources. Avoid contact with strong oxidizing agents and alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxides, carbon dioxide, and other irritating fumes.

**REACTIVITY:**

### FIRST AID

**EYE:** Flush with water lifting upper and lower lids occasionally. Call a doctor.

**SKIN:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder before reuse.

**INHALATION:** Remove to fresh air. Apply artificial respiration if necessary. Call a doctor. Do not give stimulants.

**INGESTION:** Do not induce vomiting. Rinse mouth out with water. Never give anything by mouth to an unconscious person. Call a doctor immediately.

## TOXICOLOGICAL PROPERTIES

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

**EFFECTS OF ACUTE EXPOSURE:**

**EYE:** May cause irritation, corneal burns, conjunctivitis, and possible corneal damage.

**SKIN:** May cause mild irritation.

**INHALATION:** Vapours may be irritating to the eyes, nose, throat, and respiratory tract. May cause central nervous system depression.

**INGESTION:** May cause irritation and burning of the mouth, nose, and throat. Abdominal pain, and central nervous system depression.

**EFFECTS OF CHRONIC EXPOSURE:**

**SKIN:** May cause drying.

**IRRITANCY:**

**RESPIRATORY TRACT SENSITIZATION:** N/AV

**CARCINOGENICITY:** The ingredients of this product are not listed as carcinogens by the National Toxicology Program.

**REPRODUCTIVE TOXIN:**

**TERATOGENICITY:** N/AV

**MUTAGENICITY:** N/AV

**SYNERGISTIC MATERIALS:** N/AV

**EXPOSURE LIMITS:**

## PREVENTATIVE MEASURES

**GLOVES:** Chemical resistant.

**EYE PROTECTION:** Chemical safety goggles.

**RESPIRATORY PROTECTION:** If the TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in the absence of proper environmental control.

**OTHER PROTECTIVE EQUIPMENT:** Safety glasses are recommended. Use impervious gloves if contact with the product is anticipated. Use a breathing device if TLV is exceeded, or when used indoors on a continuous basis.

**ENGINEERING CONTROLS:** Provide mechanical ventilation of confined spaces for continuous use, or when TLV is exceeded.

**LEAK AND SPILL PROCEDURE:** Absorb spills with clay or earth. Provide adequate ventilation. Prevent material from entering sewers, or water courses.

**WASTE DISPOSAL:** In accordance with federal, and provincial regulations. Do not disperse in sewers.

**STORAGE REQUIREMENTS:** Store in a cool, well ventilated area below 49°C.

**HANDLING PROCEDURES:**

## 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.

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