



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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**FOR CHEMICAL
EMERGENCY**

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

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RED LION HD PAINT REMOVER
PART NUMBER: 74113
PRODUCT TYPE: PAINT STRIPPER
CHEM. FAMILY: CHLORINATED HYDROCARBON

DATE PREPARED: March 24, 2009
CHROMATE INDUSTRIAL CORPORATION
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SECTION 2 – COMPOSITION / DATA ON COMPONENTS

HAZARDOUS INGREDIENTS %	EXPOSURE LIMIT	C.A.S.#	LD ₅₀ , ROUTE, SPECIES	LC ₅₀ ROUTE, SPECIES
METHYLENE CHLORIDE 60-100	50 ppm	75-09-2	2100 mg/kg ORAL - RAT	88,000 mg/m ³ (1/2 hr) INHAL - RAT
ISOPROPANOL 7-13	400 ppm	67-63-0	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
PETROLEUM DISTILLATES 1-5 (MEDIUM ALIPHATIC SOLVENT NAPHTHA - PETROLEUM)	100 ppm	64742-88-7	6216 mg/kg ORAL - RAT	14.1 mg/l (4 hr) INHAL -RAT
MONOETHANOLAMINE 0.5-1.5	3 ppm	141-43-5	2050 mg/kg ORAL - RAT	1000 mg/kg DERMAL - RABBIT
ISOBUTANE 7-13	1000 ppm	75-28-5	N/A	142,500 ppm (4h) INHAL - RAT
PROPANE 5-10	1000 ppm	74-98-6	N/A	N/A

SECTION 3 – HAZARDS IDENTIFICATION

ROUTE OF ENTRY

INGESTION: METHYLENE CHLORIDE has moderated toxicity if ingested. If aspirated, may be rapidly absorbed through the lungs and result in injury to other body systems. Mays cause headache, nausea, vomiting and weakness.

INHALATION: METHYLENE CHLORIDE vapors can readily accumulate in poorly ventilated areas and can cause unconsciousness. Inhalation of solvents any cause irritation. Propellant is a simple asphyxiant.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: No data is available for this product mixture.

SKIN CONTACT: METHYLENE CHLORIDE: Prolonged or repeated exposure may cause skin irritation.

EFFECTS OF ACUTE EXPOSURE: Dizziness, nausea, irritation to skin and eyes.

EFFECTS OF CHRONIC EXPOSURE: Solvents may cause defatting dermatitis. METHYLENE CHLORIDE may have Central Nervous System Effects.

EXPOSURE LIMIT OF MATERIAL: See Section 2.

SECTION 4 – FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed, **DO NOT INDUCE VOMITING.** Get medical attention.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 5 – FIRE-FIGHTING MEASURES**AUTO-IGNITION TEMPERATURE (°C):** 240-556**SPECIAL PROCEDURES:** Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self-contained breathing apparatus should be worn in a fire involving this material.**FLAMMABILITY:** *EXTREMELY FLAMMABLE.***IF YES, UNDER WHICH CONDITIONS?** Excessive heat, sparks and open flame.**EXTINGUISHING MEDIA:** Water, Carbon Dioxide, Dry Chemical, Foam.**UPPER FLAMMABLE LIMIT: (% BY VOLUME):** 23.0**LOWER FLAMMABLE LIMIT: (% BY VOLUME):** 1.0**EXPLOSION DATA****SENSITIVITY TO DISCHARGE:** N/A**SENSITIVITY TO IMPACT:** N/A**HAZARDOUS COMBUSTION PRODUCTS:** Possible Phosgene over 250°C, Chlorine gas, Hydrochloric acid. Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.**AEROSOL FLAME PROJECTION CLASSIFIED AS:** >45 cm**FLASHBACK:** NONE.**FLASH POINT (°C) TAG CLOSED-CUP (CONCENTRATE):** LOWEST KNOWN VALUE IS ISOPROPANOL @12°C.**SECTION 6 – ACCIDENTAL RELEASE MEASURES****LEAK/SPILL:** Remove all sources of ignition. Use an inert absorbent material, and use non-sparking tools. Ventilate area. Prevent from entering a watercourse.**SECTION 7 – HANDLING AND STORAGE****STORAGE NEEDS:** Keep away from heat, sparks and open flames.**ENGINEERING CONTROLS:** Ventilation-local (Mechanical if used indoors on a continuous basis.)**HANDLING PROCEDURES AND EQUIPMENT:** Store in a cool, well ventilated area not to exceed 50°C.**SYNERGISTIC MATERIALS:** None known.**SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION****GLOVES/TYPE:** Wear chemical resistant gloves.**RESPIRATORY/TYPE:** If used indoors on a continuous basis, use of a cartridge-type respirator (NIOSH/MSHATC 23C or equivalent) is recommended.**EYE/TYPE:** Safety glasses.**FOOTWEAR/TYPE:** Not normally required.**OTHER/TYPE:** Not required.**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Aerosol**ODOR:** Ethereal**VAPOR PRESSURE (PSIG)-AEROSOL@20°C:** 45-55**EVAPORATION RATE (n-BUTYL ACETATE=1):** >1**SOLUBILITY IN WATER g/L (20°C):** Negligible**CO-EFFICIENT OF WATER/OIL DISTRIBUTION:** N/A**AEROSOL PERCENT VOLATILE (BY WEIGHT):** 97-98**APPEARANCE:** Clear, colorless**ODOR THRESHOLD:** N/A**BOILING POINT (°C)(CONCENTRATE):** 39.8-205.0**VAPOR DENSITY (AIR = 1):** >1**pH:** N/A**FREEZING POINT (°C):** N/A**SECTION 10 – STABILITY AND REACTIVITY DATA****HAZARDOUS PRODUCTS OF DECOMPOSITION:** Possible Phosgene over 250°C, Chlorine gas, Hydrochloric acid. Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.**CHEMICAL STABILITY:** Yes, under normal conditions.**COMPATIBILITY WITH OTHER SUBSTANCES:****NO, WHICH ONES?** Strong Oxidizing Agents**REACTIVITY CONDITIONS:** N/A

SECTION 11 – TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS: No information is available and no adverse reproductive effects are anticipated.
IRRITANCY OF MATERIAL: Skin/Eye irritant
SENSITIZING CAPABILITY OF MATERIAL: Unknown.
CARCINOGENICITY OF MATERIAL: METHYLENE CHLORIDE has been listed as a potential carcinogen by IARC.
TERATOGENICITY: No information is available and no adverse teratogenic effects are anticipated.
MUTAGENICITY: No information is available and no adverse mutagenic effects are anticipated.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL: N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION: Consumer Commodity, ORM-D
TDG CLASSIFICATION: Consumer Commodity (AEROSOLS, UN 1950, Class 2.1)

SECTION 15 – REGULATIONS**CANADIAN REGULATIONS:****WHMIS CLASSIFICATION:** A,B5,D1B,D2A,D2B**CNFC SECTION 3.3.5:** LEVEL 1**CEPA (CANADIAN ENVIRONMENTAL PROTECTION ACT):** All substances in this product are listed on the CANADIAN DOMESTIC SUBSTANCES LIST (DSL) or not required to be listed.**U.S. REGULATIONS:****HMIS RATING HEALTH:** 2 MODERATE HAZARD**HMIS RATING FLAMMABILITY:** 3 SERIOUS HAZARD**HMIS RATING REACTIVITY:** 0 MINIMAL HAZARD**HMIS RATING PERSONAL PROTECTION:** B**NFPA CODE 30B:** LEVEL 1**SARA 313 INFORMATION:** THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CAS #:	CHEMICAL NAME:
*75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)

CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.**WARNING:** THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #:	CHEMICAL NAME:
*75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)

TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.**VOC (W/W%):** 28-30**SECTION 16 – OTHER INFORMATION**

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY CHROMATE INDUSTRIAL CORPORATION (CIC) FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. CIC ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.