



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 PREP SOLVE
PART NUMBER: 74700
PRODUCT TYPE: CLEANER
CHEM. FAMILY: SOLVENT BLEND

DATE PREPARED: March 24, 2009

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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
ACETONE	15-40	750 ppm	67-64-1	>9750 mg/kg ORAL - RAT	>16,000 ppm (4 hr) INHAL - RAT
VM&P NAPHTHA	15-40	300 ppm	64742-89-8	N/A	3400 ppm (4 hr) INHAL - RAT
XYLENE	7-15	100 ppm	1330-20-7	4.3 g/kg ORAL - RAT	6350 ppm (4 hr) INHAL - RAT
ETHYLBENZENE	3-7	100 ppm	100-41-4	5460 mg/kg ORAL-RAT	N/A
ALIPHATIC PETROLEUM DISTILLATES	5-10	300 ppm	64742-47-8	>5000 mg/kg ORAL-RAT	N/A
CARBON DIOXIDE	3-7	5000 ppm	124-38-9	N/A	N/A

SECTION 3 – HAZARDS IDENTIFICATION

ROUTE OF ENTRY

INGESTION: May cause headache, nausea, vomiting and weakness.

INHALATION: Propellant is a simple asphyxiant. Inhalation of solvents may cause irritation.

EYE CONTACT: Irritation upon direct contact.

SKIN ABSORPTION: Contact may cause slight irritation, redness, watering.

SKIN CONTACT: May cause irritation.

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

EFFECTS OF CHRONIC EXPOSURE: Irritation of eyes, nose and throat.

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):** 245-527**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):** 12.8**LOWER FLAMMABLE LIMIT: (% BY VOLUME):** 1.0**EXPLOSION DATA****SENSITIVITY TO DISCHARGE:** N/A**SENSITIVITY TO IMPACT:** N/A**HAZARDOUS COMBUSTION PRODUCTS:** Hydrocarbon fumes and smoke. Carbon Monoxide where combustion is incomplete.**AEROSOL FLAME PROJECTION CLASSIFIED AS:** >100 cm**FLASHBACK:** YES**FLASH POINT (°C) TAG CLOSED-CUP (CONCENTRATE):** LOWEST KNOWN VALUE IS ACETONE @-18°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:** Solvent odor**VAPOR PRESSURE (PSIG)-AEROSOL@20°C:** 80-90**EVAPORATION RATE (n-BUTYL ACETATE=1):** >1**SOLUBILITY IN WATER g/L (20°C):** Negligible**SPECIFIC GRAVITY (LIQUID):** 0.77-0.81**FREEZING POINT (°C):** N/A**SPECIFIC GRAVITY (AEROSOL):** 0.77-0.81**APPEARANCE:** Clear liquid**ODOR THRESHOLD:** N/A**BOILING POINT (°C)(CONCENTRATE):** 57-156**VAPOR DENSITY (AIR = 1):** >1**pH:** N/A**CO-EFFICIENT OF WATER/OIL DISTRIBUTION:** N/A**AEROSOL PERCENT VOLATILE (BY WEIGHT):** 100**SECTION 10 – STABILITY AND REACTIVITY DATA****HAZARDOUS PRODUCTS OF DECOMPOSITION:** 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**HAZARDOUS POLYMERIZATION:** Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS: XYLENE: High exposures to Xylene in some animal studies, often at levels toxic to the mother affected embryo/ fetal development. The significance of this finding to humans is not known.

IRRITANCY OF MATERIAL: Skin/Eye irritant

SENSITIZING CAPABILITY OF MATERIAL: Unknown.

CARCINOGENICITY / MUTAGENICITY: XYLENE: This product contains Ethylbenzene (Ethylbenzene is in Xylene). Ethylbenzene has been shown to cause cancer in laboratory animals. Toxicity tests carried out for chronic effects and mutagenicity have been negative. The relevance of this finding to humans is uncertain. IARC has classified Ethylbenzene as a possible human carcinogen.

TERATOGENICITY: No information is available and no adverse teratogenic 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,D2B**CNFC SECTION 3.3.5:** LEVEL 3**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:** 4 SEVERE HAZARD**HMIS RATING REACTIVITY:** 0 MINIMAL HAZARD**HMIS RATING PERSONAL PROTECTION:** B**NFPA CODE 30B:** LEVEL 3**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:
*108-88-3	TOLUENE
*1330-20-7	XYLENE
*100-41-4	ETHYL BENZENE

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:
*108-88-3	TOLUENE .
*100-41-4	ETHYL BENZENE IN XYLENE

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%):** 50**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.