

CHEM INTERNATIONAL**MATERIAL SAFETY DATA SHEET****EMERGENCY #:** CANUTEC (613) 996-6666**PRODUCT IDENTIFICATION AND PREPARATION INFORMATION****PRODUCT NAME:** C.I. RIV**EFFECTIVE DATE:** January 8, 2009**WHMIS CLASS:** Class A, Class B-Div 5, Class D-Div 2B**T.D.G. CLASSIFICATION:** Consumer commodity**UN:** N/A **CLASS:** N/A **PG:** N/A**MATERIAL USE:** Aerosol lubricant.**HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Acetone	67-64-1	20-30	1000 ppm	N/D	N/D
Propane	74-98-6	10-20	1000 ppm	N/D	N/D
Red Iron Oxide Pigment	1309-37-1	05-15	5mg/m3	N/D	N/D
n-Butane	106-97-8	05-15	800ppm	N/D	N/D
Toluene	108-88-3	05-15	100 ppm	N/D	N/D
n-Butyl Acetate	123-86-4	05-15	150 ppm	N/D	N/D
Isopropyl Alcohol	67-63-0	01-10	200ppm	N/D	N/D
Xylene (mix)	1330-20-7	01-10	100 ppm	N/D	N/D
Glycol Ether EP	2807-30-9	01-10	N/E	N/D	N/D

PHYSICAL DATA**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:****BOILING POINT:** - 44° C**pH:** N/A**VAPOR DENSITY(AIR=1):** >1**SOLUBILITY IN WATER:** Negligible**SPECIFIC GRAVITY (H₂O=1)@24° C:** 0.77-0.90**APPEARANCE / ODOR:** Dark Red Liquid Coating /Solvent Odor**DATA BELOW BASED ON TOTAL CONTENTS:****VAPOR PRESSURE OF CAN (PSIG @20° C):** 40**SOLIDS CONTENT:** 21.7%**VOC (VOLATILE ORGANIC COMPOUND) % BY WEIGHT:** 49.1%**FIRE AND EXPLOSION DATA****FLASH POINT (OF CONCENTRATE ONLY):** -19° C**FLAMMABILITY (AS PER 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 50° C 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.**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:

EYE: Irritating effect.

SKIN: Frequent or prolonged contact may cause irritation.

INHALATION: Inhalation of mist has a narcotizing effect and 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 the lungs can cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: N/AV

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: Wear chemical proof goggles.

RESPIRATORY PROTECTION: If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

VENTILATION: Provide local exhaust to keep TLV of section II ingredients below acceptable limits.

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. Dispose of soaked absorbent material in accordance with Federal, Provincial and local laws.

WASTE DISPOSAL: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, Provincial and local authorities for approved procedures.

STORAGE & HANDLING PROCEDURES REQUIREMENTS: Keep Out of reach of Children. For industrial use only. Store in a cool, dry area away from heat or open flame. **Do not** store at temperatures above 50°C.

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
4	3	1	B

HMIS Rating (Based on Aerosol Conc.): 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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