

CHEM INTERNATIONAL**MATERIAL SAFETY DATA SHEET****EMERGENCY #: CANUTEC (613) 996-6666****PRODUCT IDENTIFICATION AND PREPARATION INFORMATION****PRODUCT NAME:** C.I. C.S.R. (Aerosol)**EFFECTIVE DATE:** January 5, 2009**WHMIS CLASS:** Class A; Class D Div 2B**T.D.G. CLASSIFICATION:** Consumer commodity**UN: N/A CLASS:** N/A **PG:** N/A**CHEMICAL FAMILY:** Not specified**MATERIAL USE:** Carpet spot remover**HAZARDOUS INGREDIENTS**

INGREDIENTS	CAS #	Wt%	ACGTH-TLV	LC50	LD50
Isopropyl Alcohol	67-63-0	5-10	400 ppm	22627 ppm; rat 4 hr	4420mg/kg oral rat
Propylene Glycol	5131-66-6	01-05	100 ppm	N/D	N/D
Monobutyl Ether					
Propylene Glycol	107-98-2	01-05	100 ppm	N/D	N/D
Monomethyl Ether					
Liquefied Petroleum Gas	68476-86-8	05-10	1000 ppm	N/D	N/D

PHYSICAL DATA**BOILING POINT(°C):** 83°C**VAPOUR PRESSURE (psig @20°C):** 50**VAPOUR DENSITY (Air=1):** N/A**SOLUBILITY IN WATER:** 100%**PHYSICAL STATE:** Liquid**pH (as supplied):** 9.8**APPEARANCE AND ODOUR:** Cloudy liquid with slight Glycol Ether odor.**COEF. OF WATER/OIL DIST.:** N/A**SPECIFIC GRAVITY (H₂O=1)@20°C:** 0.985**TOTAL VOC (Volatile Organic Compound):** ~23%**EVAPORATION RATE (H₂O=1):** N/A**ODOUR THRESHOLD:** N/A**FREEZING POINT(°C):** Not specified**FIRE AND EXPLOSION DATA****FLAMMABILITY:** Non flammable spray**FLASH POINT (Of concentrate only):** 50° (T.O.C.)**UEL:** N/A**LEL:** N/A**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide and carbon monoxide**MEANS OF EXTINCTION:** Foam, carbon dioxide, dry chemical**SPECIAL FIRE HAZARDS:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.**FIRE AND EXPLOSION HAZARDS:** Exposure to temperatures above 49°C may cause bursting**AUTOIGNITION TEMP.:** N/A**SENSITIVITY TO: MECHANICAL IMPACT:** N/A **STATIC DISCHARGE:** N/A**REACTIVITY DATA****CONDITIONS FOR CHEMICAL INSTABILITY:** Material stable**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide**REACTIVITY:** None**FIRST AID****EYE:** 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.**SKIN:** Wash with soap and water. If irritation persists, get 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 (x), Skin contact (x), Skin absorption (x), Inhalation (x), Ingestion (x)

EFFECTS OF ACUTE EXPOSURE:

EYE: May cause slight irritation but does not injure eye tissue

SKIN: Frequent or prolonged contact may cause irritation

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

EFFECTS OF CHRONIC EXPOSURE:

IRRITANCY: Hazardous by WHMIS criteria.

RESPIRATORY TRACT 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

GLOVES: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

EYE PROTECTION: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

RESPIRATORY PROTECTION: None needed for proper use in accordance with label directions.

OTHER PROTECTIVE EQUIPMENT: None specified.

ENGINEERING CONTROLS: Provide local exhaust to keep TLV of Section II ingredients below acceptable levels.

LEAK AND SPILL PROCEDURE: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks and 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 regulations.

WASTE DISPOSAL: Aerosol cans, when emptied and de-pressurized through normal use, pose no disposal hazard and should be recycled. Consult federal, provincial and local authorities for approved procedure.

STORAGE REQUIREMENTS: Store in a cool, dry area away from heat or open flame.

HANDLING PROCEDURES: Keep out of reach of children.

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
2	0	0	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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