

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. G.P.R. (Bulk)

EFFECTIVE DATE: January 7, 2009

WHMIS CLASS: B – Div 2, D – Div 1B, D – Div 2B

T.D.G. CLASSIFICATION: Flammable Liquids N.O.S. (Toluene), Class 3, UN 1263, PG II

PERSONAL PROTECTION: C

MATERIAL USE: Gasket, Paint & Varnish Stripper

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LD50	LC50
Methylene Chloride	75-09-2	40-60	50 ppm	167 mg/kg oral rat	19049 ppm rat 4hr
Toluene	108-88-3	10-20	100 ppm	2500 mg/kg oral rat	8000 ppm rat 4hr
Methanol	67-56-1	01-05	200 ppm	870 mg/kg oral mouse	54000 ppm rat 4hr

PHYSICAL DATA

BOILING POINT (°C): N/D

SPECIFIC GRAVITY (H₂O=1) @ 23°C: 1.132

VAPOUR DENSITY (Air=1): >1

SOLUBILITY IN WATER: Slight

PH (as supplied): N/A

TOTAL VOC %: - 45%

APPEARANCE AND ODOUR: Clear liquid, mild sweet odor

FIRE AND EXPLOSION DATA

FLAMMABILITY: Flammable

FLASH POINT: 28°C (T.O.C.)

MEANS OF EXTINCTION: Foam, CO₂, And 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 49°C may cause bursting.

REACTIVITY DATA

STABILITY: Material stable

INCOMPATIBILITY: Avoid contact with strong oxidizing agents, strong acids and bases, and selected Amines

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Chloride, Phosgene

REACTIVITY: Hazardous polymerization will not occur

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 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 (X), Skin contact (X), Skin absorption (), 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 If mist can cause irritation of nasal and respiratory passages.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea

EFFECTS OF CHRONIC EXPOSURE:

INHALATION: Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. Aspiration of material into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: Hazardous by WHMIS Criteria

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

PREVENTATIVE MEASURES

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

VENTILATION: provide local exhaust to keep TLV of Hazardous Ingredients section below acceptable limits.

PROTECTIVE 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.

LEAK AND SPILL PROCEDURE: 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: Review federal, provincial and local government requirements prior to disposal.

STORAGE REQUIREMENTS: Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 49°C.

HANDLING PROCEDURES: Keep out of reach of Children. For Industrial and Institutional use only.

HMIS HAZARD RATING INFORMATION

FIRE
3

REACTIVITY
1

HEALTH
3

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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