

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Choke and Carb (Aerosol) **EFFECTIVE DATE:** January 18, 2008
WHMIS CLASS: A, B – Div 5, D – Div 2B
T.D.G. CLASSIFICATION: Consumer commodity, ORM-D
MATERIAL USE: Choke and carburetor cleaner

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LC50	LD50
Toluene	108-88-3	30-60	100 ppm	8000 ppm rat 4hr	2500 mg/kg oral rat
Acetone	67-54-1	10-30	750 ppm	n/d	n/d
Methanol	67-56-1	15-40	200 ppm	64000 ppm rat 4hr	870 mg/kg oral mouse
Carbon Dioxide Propellant	124-38-9	1-10	10,000 ppm	n/d	n/d

PHYSICAL DATA

BOILING POINT (°C): 56°C **VAPOUR PRESSURE:** n/d
SPECIFIC GRAVITY (H₂O=1) @ 23°C: 0.839 **VAPOUR DENSITY (Air=1):** >1
PERCENT VOLATILE (by vol.): **SOLUBILITY IN WATER:** Slight
PH: n/a **Total VOC %:** ~75%
APPEARANCE AND ODOUR: Water like, transparent liquid, sweet odor

FIRE AND EXPLOSION DATA

FLAMMABILITY: Flammable spray
FLASH POINT (of concentrate only): -18°C
MEANS OF EXTINCTION: Foam, dry media and CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 50°C may cause bursting.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable.
INCOMPATIBILITY: Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.
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, skin contact and absorption, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYES: 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, 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:

CARCINOGENICITY: Not hazardous by WHMIS criteria.

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

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, and then wear safety glasses or chemical proof goggles.

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

OTHER PROTECTIVE EQUIPMENT:

ENGINEERING CONTROLS: Ventilation: Provide local exhaust to keep TLV of Hazardous Ingredients section below acceptable limits.

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 are depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, Provincial and local authorities for approved procedures.

STORAGE & HANDLING: Keep out of reach of children. For industrial and institutional 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	0	3	

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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