

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Chemzoid

EFFECTIVE DATE: January 5, 2009

WHMIS CLASS: B3, D2B

CHEMICAL FAMILY: Solvent Blend.

T.D.G. CLASSIFICATION: Flammable Solutions N.O.S. (Terpenes)

MATERIAL USE: Lemon scented odour control agent.

UN: CLASS: 3 PG: III

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS/NA/UN #	APPROX. % CONC.	TLV/PPM	LC50/LD50
D'Limonene	5989027-5	10.0-30.0	N/AV	>5g/kg
Orange Oil	N/AV	10.0-30.0	N/AV	N/AV
Mineral Spirits	N/AV	30.0-60.0	100ppm	N/AV
Tripropylene Glycol	20324-83-8	1.0-5.0	N/AV	N/AV
Methyl Ether				

PHYSICAL DATA

BOILING POINT(°C): Minimum 175

COEF. OF WATER/OIL DIST.: N/AV

VAPOUR PRESSURE (mm Hg): N/AV

SPECIFIC GRAVITY (H₂O=1): 0.810 @ 20°C

VAPOUR DENSITY (Air=1): N/AV

PERCENT VOLATILE (by weight): 100%

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE (H₂O=1): N/AV

PHYSICAL STATE: Liquid

ODOUR THRESHOLD: N/AV

pH (as supplied): N/AP

FREEZING POINT(°C): N/AV

APPEARANCE AND ODOUR: Clear, orange liquid; sweet fruity odour.

FIRE AND EXPLOSION DATA

FLAMMABILITY: Combustible under conditions of high heat.

FLASH POINT (Deg C method): 55.6 (TCC)

UEL: N/AV **LEL:** N/AV

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, various hydrocarbons.

MEANS OF EXTINCTION: Carbon dioxide, foam, dry chemical, water fog.

SPECIAL FIRE HAZARDS: N/AV

AUTO IGNITION TEMP.: N/AV

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: N/AV **STATIC DISCHARGE:** N/AV

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Normally stable. Avoid conditions of high heat.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will give carbon monoxide, carbon dioxide, and various hydrocarbons.

REACTIVITY: Hazardous Polymerization will not occur.

FIRST AID

EYE: Flush with water for at least 15 minutes lifting upper and lower lids. Seek medical attention.

SKIN: Flush with water for at 15 minutes. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If breathing stops give artificial respiration. Seek medical attention.

INGESTION: Do not induce vomiting. Give 2-3 glasses of milk or water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: Contact may cause irritation, redness, and tearing, blurred vision.

SKIN: Contact may cause slight irritation.

INHALATION: Aspiration into lungs can cause chemical pneumonitis.

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

EFFECTS OF CHRONIC EXPOSURE:

Repeated or prolonged exposure to high concentrations of tripropylene glycol ethyl ether may result in kidney damage or may aggravate kidney, urethra and/or bladder disease.

SKIN: Prolonged or repeated exposure may cause moderate irritation, defatting, dermatitis.

IRRITANCY: Low.

RESPIRATORY TRACT SENSITIZATION: N/AV

CARCINOGENICITY: None known.

REPRODUCTIVE TOXIN: None known.

TERATOGENICITY: None known.

MUTAGENICITY: None known.

SYNERGISTIC MATERIALS: N/AV

EXPOSURE LIMITS: N/AV

PREVENTATIVE MEASURES

GLOVES: Neoprene for prolonged contact.

EYE PROTECTION: Not normally required.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE EQUIPMENT: Eyewash and safety shower.

ENGINEERING CONTROLS: None normally required.

LEAK AND SPILL PROCEDURE: Provide adequate ventilation. Eliminate ignition sources. Contain spill. Transfer to suitable container for reclaim or disposal. Absorb remaining material onto absorbent and transfer to container.

WASTE DISPOSAL: Dispose at approved sight in accordance with federal, provincial, and local regulations.

STORAGE REQUIREMENTS: Not specified.

HANDLING PROCEDURES: Not specified.

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

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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