

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Industrial Vinegar
WHMIS CLASS: Not Controlled
T.D.G. CLASSIFICATION: Not Regulated
MATERIAL USE: Stripper Neutralizer

EFFECTIVE DATE: January 8, 2009

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	APPROX. CONC.	EXP. LIMITS	LC50/LD50
Propane	74-98-6	10-30	1000 ppm	N/A
Butane	106-97-8	10-30	800 ppm	N/A
2-Propanol	67-63-0	5-10	400 ppm	5g/kg (rat-oral)

PHYSICAL DATA

PHYSICAL STATE: Liquid
BOILING POINT: 100°C
VAPOUR DENSITY: N/AV
FREEZING POINT: 0°C
SOLUBILITY IN WATER: 100%
APPEARANCE & ODOUR: Clear liquid with vinegar odour.

SP. GRAVITY: 1.002
VAPOUR PRESSURE: N/AV
EVAPORATION RATE: N/AV
pH: 2.2 1% sol. 3.5

FIRE AND EXPLOSION DATA

FLASH POINT (Test Method): Not Available
FLAMMABLE LIMITS IN AIR, % BY VOL.: Non-flammable **LOWER:** N/AV **UPPER:** N/AV
FIRE EXTINGUISHING SUBSTANCES: (X) Water Fog (X) Foam (X) CO₂ (X) Dry Chem () Other:
HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus.

REACTIVITY DATA

INCOMPATIBILITY: () Water (X) Oxidizing Material () Acid () Base () Other:
HAZARDOUS DECOMPOSITION PRODUCTS: N/AV
CHEMICAL STABILITY: Stable.

FIRST AID

INHALATION: Remove to fresh air.
INGESTION: Do not induce vomiting. Rinse mouth with water. Give large amounts of water to cause dilution in stomach.
EYES: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
SKIN: Flush with plenty of water. If irritation persists, get medical attention.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, inhalation

EFFECTS OF ACUTE EXPOSURE:

INHALATION: May cause discomfort of respiratory tract.
INGESTION: May cause irritation of gastrointestinal tract.
EYES: May cause discomfort and possible irritation.
SKIN: Prolonged contact may cause discomfort and redness.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Not specified.
IRRITANCY: Eye irritant.
RESPIRATORY TRACT SENSITIZATION: Not specified.
CARCINOGENICITY: None
REPRODUCTIVE TOXIN: None
TERATOGENICITY: None
MUTAGENICITY: None
SYNERGISTIC MATERIALS: None
EXPOSURE LIMITS: 350 ppm

PREVENTATIVE MEASURES

STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE (INCLUDING NEUTRALIZING): Dike and salvage or neutralize with soda ash or lime. Small spills can be flushed with water.
WASTE DISPOSAL METHOD: Neutralized product can be flushed with water. Soda ash or lime are the neutralizing agents.
HANDLING AND STORAGE REQUIREMENTS: Keep container closed when not in use. Store away from strong oxidizers and alkali.
VENTILATION REQUIREMENTS (LOCAL OR GENERAL): General ventilation is sufficient.
RESPIRATORY PROTECTION: Not normally necessary.
EYE PROTECTION: Not normally necessary.
OTHER PROTECTION: Rubber gloves should be worn to protect against prolonged contact with skin.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN ·
 >=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
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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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