

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY #:** CANUTEC (613) 996-6666

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I. Zip

**EFFECTIVE DATE:** January 16, 2009

**WHMIS CLASS:** Not controlled

**T.D.G. CLASSIFICATION:** Not regulated UN: N/AP

**PG:** N/AP

**MATERIAL USE:** Lemon, Liquid dishwasher.

### HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LD50	LC50
None					

### PHYSICAL DATA

**BOILING POINT:** N/AV

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

**VAPOUR PRESSURE (mm Hg):** N/AV

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.028

**VAPOUR DENSITY (Air=1):** N/AV

**% VOLATILE (by vol.):** N/AV

**SOLUBILITY IN WATER:** 100%

**EVAPORATION RATE (H<sub>2</sub>O=1):** N/AV

**PHYSICAL STATE:** Liquid

**ODOUR THRESHOLD:** N/AV

**PH:** 8-8.5 as a concentrate.

**FREEZING POINT:** N/AV

**APPEARANCE AND ODOUR:** Green pleasant smelling liquid.

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Non flammable.

**FLASH POINT:** N/AP

**UEL:** N/AV

**LEL:** N/AV

**HAZARDOUS COMBUSTION PRODUCTS:** Will produce carbon oxides.

**MEANS OF EXTINCTION:** Water fog, foam, CO<sub>2</sub> and dry chemical.

**SPECIAL FIRE HAZARDS:** As for surrounding fires.

**AUTO IGNITION TEMP:** N/AP

**EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT:** N/AP

**STATIC DISCHARGE:** N/AP

### REACTIVITY DATA

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.

**REACTIVITY:** None.

### FIRST AID

**EYE:** Rinse with water for 15 minutes.

**SKIN:** Rinse with water.

**INHALATION:** N/AP

**INGESTION:** Induce vomiting. Drink large amounts of water or milk and seek medical attention.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact ( ), Skin contact ( ), Skin absorption ( ), Inhalation ( ), Ingestion ( )

### EFFECTS OF ACUTE EXPOSURE:

**EYE:** Contact with eyes may cause temporary discomfort and redness.

**SKIN:** Skin contact may cause mild irritation and defatting of tissue on prolonged contact.

**INHALATION:** Inhalation will have no effects.

**INGESTION:** Ingestion may cause nausea and diarrhea.

### EFFECTS OF CHRONIC EXPOSURE:

**SKIN:** Skin contact may cause mild irritation and defatting of tissue on prolonged contact.

**IRRITANCY:** Not specified.

**RESPIRATORY TRACT SENSITIZATION:** None known.

**CARCINOGENICITY:** None known.

**REPRODUCTIVE TOXIN:** None known.

**TERATOGENICITY:** None known.

**MUTAGENICITY:** None known.

**SYNERGISTIC MATERIALS:** None known.

**EXPOSURE LIMITS:** None known.

## PREVENTATIVE MEASURES

**HAND PROTECTION:** Not required, but may be used if skin is to be in prolonged contact with concentrate.

**EYE PROTECTION:** Not normally required.

**RESPIRATORY PROTECTION:** Not normally required.

**BODY PROTECTION:** Not normally required.

**FOOT PROTECTION:** Not normally required.

**ENGINEERING CONTROLS:** Local.

**LEAK AND SPILL PROCEDURE:** For large spills, contain and pick up. For smaller spills, wash area with water.

**WASTE DISPOSAL:** Review federal, provincial and local government requirements prior to disposal.

**STORAGE REQUIREMENTS:** Store in a cool, well ventilated area away from strong oxidizers.

**HANDLING PROCEDURES:** Keep container closed when not in use.

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
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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.

## CHEM INTERNATIONAL

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