

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

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

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I. H-G Concentrate

**EFFECTIVE DATE:** January 7, 2009

**WHMIS CLASS:** Not controlled

**T.D.G. CLASSIFICATION:** Not Regulated

**UN:** N/A **CLASS:** N/A **PG:** N/A **CHEMICAL FAMILY:** N/A

**MATERIAL USE:** Synthetic all purpose detergent.

### HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	ACGTH-TLV	LC50	LD50
None.					

### PHYSICAL DATA

**BOILING POINT(°C):** 100

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

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

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.024

**VAPOUR DENSITY (Air=1):** Not Avail.

**PERCENT VOLATILE (by vol.):**

**SOLUBILITY IN WATER:** 100%

**EVAPORATION RATE (H<sub>2</sub>O=1):** Not Avail.

**PHYSICAL STATE:** Liquid

**ODOUR THRESHOLD:** N/A

**pH (1% sol.):** 8 - 8.5

**FREEZING POINT(°C):** 0

**APPEARANCE AND ODOUR:** Amber, viscous liquid with slight odour

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Nonflammable

**FLASH POINT (Test Method):** N/A

**UEL:** N/A

**LEL:**N/A

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides and sodium oxides.

**MEANS OF EXTINCTION:** N/A

**SPECIAL FIREFIGHTING PROCEDURES:** As for surrounding fire.

**FIRE AND EXPLOSION HAZARDS:** N/A

**AUTOIGNITION TEMP.:** N/A

**SENSITIVITY TO: MECHANICAL IMPACT:** N/A

**STATIC DISCHARGE:** N/A

### REACTIVITY DATA

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides and sodium oxides

**REACTIVITY:** N/A

### FIRST AID

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

**SKIN:** Rinse with water.

**INHALATION:** N/A

**INGESTION:** Induce vomiting. Drink large quantities of milk or water. Get 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:** Causes temporary discomfort and redness.

**SKIN:** Prolonged contact may cause discomfort and defatting of tissue.

**INHALATION:** No effect

**INGESTION:** May cause nausea, vomiting and diarrhea.

**EFFECTS OF CHRONIC EXPOSURE:**

**SKIN:** N/AV

**IRRITANCY:** Low

**SENSITIZATION:** N/AV

**CARCINOGENICITY:** None known.

**TERATOGENICITY:** None known.

**MUTAGENICITY:** None known.

**SYNERGISTIC MATERIALS:** N/AV

## PREVENTATIVE MEASURES

**GLOVES:** Rubber gloves may be worn.

**EYE PROTECTION:** Not normally necessary. Safety glasses may be worn.

**RESPIRATORY PROTECTION:** Not normally necessary.

**OTHER PROTECTIVE EQUIPMENT:** Not specified.

**VENTILATION REQUIREMENTS (local or general):** General ventilation is sufficient.

**LEAK AND SPILL PROCEDURE (including neutralization):** For larger spills, contain and pick-up. For small spills, wash area with water.

**WASTE DISPOSAL:** Dispose of in accordance with federal, provincial and local regulations in designated landfill site.

**STORAGE REQUIREMENTS & HANDLING PROCEDURES:** Store in a cool, well ventilated area away from strong oxidizers. Keep closed when not in use.

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

## HMIS HAZARD RATING INFORMATION

**FIRE**  
N/AV

**REACTIVITY**  
N/AV

**HEALTH**  
N/AV

**PERSONAL PROTECTION**  
N/AV

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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