

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

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

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** Hydrox 07

**EFFECTIVE DATE:** January 7, 2009

**WHMIS CLASS:** D2B

**T.D.G. CLASSIFICATION:** NotRegulated    **UN:**                    **PG:**

**MATERIAL USE:** Hydrogen Peroxide cleaner.

### HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	Toxicity Data (LD50 & LC50)
Hydrogen Peroxide	7722-84-1	7%	ACGIH TLV – 1 ppm LD50 Oral (rat) 1193 mg/kg LC50 Dermal (rabbit) > 2000 mg/kg
2-(2-Ethoxyethoxy) ethanol Surfactant Blend	11-19-00 N/AV	7-13 1-5	LD50 Oral (rat) 5540 mg/kg N/AV

### PHYSICAL DATA

**BOILING POINT:** 100°C

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

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

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.031

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

**% VOLATILE (by vol.):** 2%

**SOLUBILITY IN WATER:** 100%

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

**PHYSICAL STATE:** liquid

**ODOUR THRESHOLD:** N/AV

**PH:** 3.4 2% 4.7

**FREEZING POINT:** 0°C

**APPEARANCE AND ODOUR:** Clear liquid with no odour.

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Non-flammable

**FLASH POINT:** N/AP

**UEL:** N/AP

**LEL:** N/AP

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides. Carbon dioxides and oxygen.

**MEANS OF EXTINCTION:** Water fog.

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

**AUTO IGNITION TEMP:** N/AV

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

**STATIC DISCHARGE:** N/AV

### REACTIVITY DATA

**CHEMICAL STABILITY:** Stable under normal conditions.

**INCOMPATIBILITY:** Oxidizing materials, acids organics, metals and most combustibles.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Liberation of oxygen may result from contamination or excessive heat.

**REACTIVITY:** N/D

### FIRST AID

**EYE:** Rinse with plenty of water for 15 minutes. Hold eyelids apart to ensure rinsing of entire surface of the eye. Get medical attention.

**SKIN:** Rinse with water for atleast 15 minutes.

**INHALATION:** Remove to fresh air.

**INGESTION:** Do not induce vomiting. Drink large quantities of water. Get medical attention.

## TOXICOLOGICAL PROPERTIES

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

**EFFECTS OF OVEREXPOSURE (Acute and Chronic):**

**INHALATION:** Inhalation of mist may cause irritation of nose and throat, chest discomfort, cough or shortness of breath.

**INGESTION:** May cause nausea, abdominal pain or red blood cell destruction.

**EYES:** May cause irritation with corneal or conjunctival ulceration with possible loss of vision.

**SKIN:** Prolonged contact may cause discomfort or rash.

## PREVENTATIVE MEASURES

**HAND PROTECTION:**

**EYE PROTECTION:**

**RESPIRATORY PROTECTION:**

**BODY PROTECTION:**

**FOOT PROTECTION:**

**ENGINEERING CONTROLS:**

**LEAK AND SPILL PROCEDURE:**

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

**STORAGE REQUIREMENTS:**

**HANDLING PROCEDURES:**

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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