

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME:	HYPER CLEAN	Emergency TEL: CANUTEC
PRODUCT USE:	All purpose Cleaner	(613) 996-6666
MANUFACTURERS NAME	NORA SYSTEMS INC.	
ADDRESS:	7807 Argyll Road, Edmonton, Alberta T6C 4A9	
SUPPLIER:	NORA SYSTEMS INC.	
WHMIS CLASSIFICATION:	D2B-Toxic	
TDG CLASSIFICATION:	Not regulated.	

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TOXITY DATA: LD50, LC50
Hydrogen Peroxide	7	7722-84-1	ACGIH TLV-1 ppm LD50 (Oral, Rat) 1193 mg/Kg LD50 (Dermal, Rabbit) >2000 mg/Kg
(2-Ethoxyethoxy) Ethanol	7-13	11-19-00	LD 50 (Oral, Rat) 5540 mg/Kg
Surfactant Blend	1-5	n.av.	n.av.

SECTION III PHYSICAL DATA

PHYSICAL STATE	Liquid	VAPOUR PRESSURE:(mmHg)	n.av.
COLOUR:	Colourless	VAPOUR DENSITY:(AIR=1)	n.av.
ODOUR:	None	EVAPORATION RATE:	n.av.
BOILING POINT:	100 Deg. C.	SPECIFIC GRAVITY:	1.031
FREEZING POINT:	0 Deg.C.	pH:	3.4, 2% sol.- 4.7
SOLUBILITY:	100%	ODOUR THRESHHOLD:	n.av.
		COEFFICIENT OF WATER/OIL:	n.av.

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD):	n.av.
FLAMMABILITY LIMITS IN AIR, % BY VOLUME: Nonflammable	LOWER: n.av. UPPER: n.av.
AUTO- IGNITION TEMPERATURE:	n.av.
MEANS OF EXTINCTION:	Water Fog.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon Oxides, Carbon dioxides and oxygen.
SPECIAL FIREFIGHTING PROCEDURES:	as for surrounding fire
EXPLOSION DATA-SENSIVITY TO MECHANICAL IMPACT:	n.av.
EXPLOSION DATA-SENSIVITY TO STATIC DISCHARGE:	n.av.

SECTION V REACTIVITY DATA

CHEMICAL STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY (MATERIAL & CONDITIONS):	Oxidizing material, and acids.
HAZARDEOUS DECOMPOSITION PRODUCTS:	Liberation of oxygen may result from contamination or excessive heat.

SECTION VI TOXIOLOGICAL PROPERTIES

ROUTE OF ENTRY-	SKIN CONTACT:	X	EYE CONTACT:	X
	INGESTION:	X	INHALATION:	X

EFFECTS OF EXPOSURE- ACUTE AND CHRONIC:

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

Skin- **Prolonged contact may cause discomfort or rash.**

Eyes- **May cause eye irritation with corneal or conjunctival ulceration with possible loss of vision.**

Ingestion- **May Cause nausea, abdominal pain or red blood cell destruction.**

EXPOSURE LIMITS:	n.av.
SENSITIZATION TO PRODUCT:	n.av.
CARCINODENICITY:	n.av.
REPRODUCTIVE TOXICITY:	n.av.
TERATOGENICITY:	n.av.
MUTAGENICITY:	n.av.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	None known.

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SECTION VII PERSONAL PROTECTIVE EQUIPMENT

GLOVES: Rubber gloves should be worn.
EYES: Chemical goggles or face shield.
FOOTWEAR: Boots should be worn to prevent skin contact.
RESPIRATOR: Not normally necessary. Use a NIOSH approved respirator if use condition generate vapors or mist.
CLOTHING: Apron should be worn to prevent prolonged skin contact.

SECTION VIII PREVENTIVE MEASURES

STORAGE REQUIREMENTS: Store in cool, well-ventilated area.
SHIPPING INFORMATION: Do not expose to extreme temperatures. Keep container closed when not in use.

LEAK AND SPILLAGE PROCEDURES: For large spills, contain and pick up. For small spills, wash area with water.
HANDLING PROCEDURES: Keep container closed when not in use. Never return unused product into original container.
WASTE DISPOSAL: Dispose in accordance with federal, provincial and local regulations in designated landfill site.
SPECIAL ENGINEERING CONTROLS: General ventilation is sufficient.

SECTION IX FIRST AID MEASURE

EYES: 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 at least 15 minutes.
INGESTION: Do not induce vomiting. Drink large quantities of water. Get medical attention.
INHALATION: Remove to fresh air.

“Note to Physician”: A gastric tube may be inserted to prevent increased pressure that may result from rapid evolution of oxygen.

SECTION X PREPARATION INFORMATION

PREPARED BY: TECHNICAL DEPARTMENT

TELEPHONE: 780-448-0145

DATE: JANUARY 2008

IMPORTANT: The information presented herein is believed to be accurate and is offered only as a guide. Users should make their own tests to determine the suitability of these products for their own particular purposes. Users assume all risk of use, storage and handling of the product. No warranty, express or implied, is made including, but no limited to, implied warranties of merchantability and fitness for a particular purpose. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe any patents.

n.av. - Not Available

n.ap- Not applicable