

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME:	MAXZYME	Emergency TEL: CANUTEC
PRODUCT USE:	Degreaser	(613) 996-6666
MANUFACTURERS NAME	NORA SYSTEMS INC.	
ADDRESS:	7807 Argyll Road, Edmonton, Alberta T6C 4A9	
SUPPLIER:	NORA SYSTEMS INC.	
WHMIS CLASSIFICATION:	Not controlled.	
TDG CLASSIFICATION:	Not regulated.	

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TOXITY DATA: LD50, LC50
Bacterial culture blend	10-30	n.av.	n.av.
Nonionic Surfactant	1-5	9016-45-9	n.av.
Enzyme	<1	9000-85-5	n.av.

SECTION III PHYSICAL DATA

PHYSICAL STATE	Opaque Liquid	VAPOUR PRESSURE:(mmHg)	n.av.
COLOUR:	Light Green	VAPOUR DENSITY:(AIR=1)	n.av.
ODOUR:	None	EVAPORATION RATE:	n.av.
BOILING POINT:	100 Deg. C.	SPECIFIC GRAVITY:	1.0018
FREEZING POINT:	0 Deg.C.	pH:	6.1 1% sol.- 7.7
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:	Use media proper to primary cause of fire.
HAZARDOUS COMBUSION PRODUCTS:	Carbon Oxides and sodium oxides.
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 INCOMPATABILITY (MATERIAL & CONDITIONS):	Oxidizing material, acid and base. Strong acids or alkali compounds may inactivate biological cultures.
HAZARDEOUS DECOMPOSITION PRODUCTS:	None.

SECTION VI TOXIOLOGICAL PROPERTIES

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

EFFECTS OF EXPOSURE- ACUTE AND CHRONIC:
 Inhalation- **No effect known.**

Skin- **Prolonged contact may cause discomfort and defatting of tissue and possible dermatitis and skin sensitization.**

Eyes- **Causes temporary discomfort and redness. May contribute to infection when in contact with open wounds.**

Ingestion- **No effect if ingested in small amounts. Very low toxicity. Irritation of esophagus and stomach may follow.**

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: Not normally necessary.
EYES: Safety glasses may be worn. Eyewash station and safety shower in work area is recommended.
FOOTWEAR: Not normally necessary.
RESPIRATOR: Not normally necessary.
CLOTHING: Not normally necessary.

SECTION VIII PREVENTIVE MEASURES

STORAGE REQUIRMENTS: Store in well ventilated area away from strong oxidizers.
SHIPPING INFORMATION: Do not expose to extreme temperatures.
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. Avoid extended exposure to high or low temperature and humidity.
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. If discomfort persists, get medical attention.
SKIN: Wash with soap and water. Remove contaminated clothing and footwear and wash before reuse.
INGESTION: Drink large quantities of milk or water. Induce vomiting only on advice of physician. Get medical attention.
INHALATION: N/A.

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