

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME:	<b>TRITON</b>	Emergency TEL: CANUTEC
PRODUCT USE:	Laundry Detergent Emulsifier	(613) 996-6666
MANUFACTURERS NAME	NORA SYSTEMS INC.	
ADDRESS:	7807 Argyll Road, Edmonton, Alberta T6C 4A9	
SUPPLIER:	NORA SYSTEMS INC.	
WHMIS CLASSIFICATION:	D2B- Toxic      B3-Flammable      D1B- Poison	
TDG CLASSIFICATION:	Flammable Liquid Class 3 (6.1) UN 2369 PG III	

**SECTION II HAZARDOUS INGREDIENTS**

MATERIAL	%	CAS NUMBER	TOXITY DATA: LD50, LC50
Ethylene glycol monobutyl ether	10-30	111-76-2	LD50 (Oral, Rat) 1750 mg/kg LC50 (inhalation, Rat) 500 ppm
Nonionic Surfactant	10-30	9016-45-9	None

**SECTION III PHYSICAL DATA**

PHYSICAL STATE	<b>liquid</b>	VAPOUR PRESSURE:(mmHg)	<b>n.av.</b>
COLOUR:	<b>Pink/Orange</b>	VAPOUR DENSITY:(AIR=1)	<b>n.av.</b>
ODOUR:	<b>Citrus</b>	EVAPORATION RATE:	<b>n.av.</b>
BOILING POINT:	<b>100 Deg. C.</b>	SPECIFIC GRAVITY:	<b>1.010</b>
FREEZING POINT:	<b>n.av.</b>	pH:	<b>7.5</b>
SOLUBILITY:	<b>100%</b>	ODOUR THRESHHOLD:	<b>n.av.</b>
		COEFFICIENT OF WATER/OIL:	<b>n.av.</b>

**SECTION IV FIRE AND EXPLOSION DATA**

FLASH POINT (TEST METHOD):	<b>n.av.</b>
FLAMMABILITY LIMITS IN AIR, % BY VOLUME: LOWER:	<b>n.av.</b> UPPER: <b>n.av.</b>
AUTO- IGNITION TEMPERATURE:	<b>n.av.</b>
MEANS OF EXTINCTION:	<b>As for surrounding fire.</b>
HAZARDOUS COMBUSTION PRODUCTS:	<b>Carbon Oxides.</b>
SPECIAL FIREFIGHTING PROCEDURES:	<b>As for surrounding fire.</b>
EXPLOSION DATA-SENSIVITY TO MECHANICAL IMPACT:	<b>n.av.</b>
EXPLOSION DATA-SENSIVITY TO STATIC DISCHARGE:	<b>n.av.</b>

**SECTION V REACTIVITY DATA**

CHEMICAL STABILITY:	<b>Stable under normal conditions.</b>
CHEMICAL INCOMPATIBILITY (MATERIAL & CONDITIONS):	<b>Oxidizing material.</b>
HAZARDEOUS DECOMPOSITION PRODUCTS:	<b>Combustion will produce carbon dioxide and possible carbon monoxide.</b>

**SECTION VI TOXIOLOGICAL PROPERTIES**

ROUTE OF ENTRY-	SKIN CONTACT:	<b>X</b>	EYE CONTACT:	<b>X</b>
	INGESTION:	<b>X</b>	INHALATION:	<b>X</b>

EFFECTS OF EXPOSURE- ACUTE AND CHRONIC:  
 Inhalation- **May cause dizziness and headaches.**  
 Ingestion- **May cause nausea and vomiting.**  
 Eyes- **May cause irritation, tearing and redness.**  
 Skin- **May cause irritation and redness.**

EXPOSURE LIMITS:	<b>Ethylene glycol monobutyl ether-TWA: 50 CEIL: 150 ppm</b>
SENSITIZATION TO PRODUCT:	<b>n.av.</b>
CARCINODENICITY:	<b>n.av.</b>
REPRODUCTIVE TOXICITY:	<b>n.av.</b>
TERATOGENICITY:	<b>n.av.</b>
MUTAGENICITY:	<b>n.av.</b>
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	<b>None known</b>

# NORA SYSTEMS INC.

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Page 2 of 2

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### SECTION VII PERSONAL PROTECTIVE EQUIPMENT

GLOVES: Rubber gloves.  
EYES: Safety glasses.  
FOOTWEAR: n.av.  
RESPIRATOR: n.av.  
CLOTHING: Coveralls.

### SECTION VIII PREVENTIVE MEASURES

STORAGE REQUIRMENTS: Store in cool, dry, well-ventilated area above freezing temperatures. Keep away from incompatibles. Keep container closed when not in use.  
SHIPPING INFORMATION: Not regulated.  
LEAK AND SPILLAGE PROCEDURES: Flush with water and mop up.  
HANDLING PROCEDURES: As per safety guidelines.  
WASTE DISPOSAL: Dispose in accordance with local, federal and provincial regulations.  
SPECIAL ENGINEERING CONTROLS: Use in a well ventilated area with access to safety equipment.

### SECTION IX FIRST AID MEASURE

EYES: Flush with water for at least 15 minutes. If irritation persists, seek medical attention.  
SKIN: Flush with running water. If irritation persists, get medical attention.  
INGESTION: Do not induce vomiting. Drink plenty of water and seek medical attention.  
INHALATION: Remove to fresh air. If respiratory irritation occurs, get medical attention.

### 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