

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME:	<b>FOCUS</b>	Emergency TEL: CANUTEC
PRODUCT USE:	Cleaner, Disinfectant, Sanitizer	(613) 996-6666
MANUFACTURERS NAME	NORA SYSTEMS INC.	
ADDRESS:	7807 Argyll Road, Edmonton, Alberta T6C 4A9	
SUPPLIER:	NORA SYSTEMS INC.	
WHMIS CLASSIFICATION:	Not regulated	
TDG CLASSIFICATION:	Not controlled	REGISTRATION # D.I.N # 00628891 P.C.P.# 18427

**SECTION II HAZARDOUS INGREDIENTS**

MATERIAL	%	CAS NUMBER	TOXITY DATA: LD50, LC50
Tetrasodium Ethylenediamine tetra acetate	3-7	n.av	LD50 (Rabbit) Dermal 40 mg/kg
N-Alkyl-N, N-Dimethyl-N-Benzylammonium Chloride	3-7	68424-85-1	n.av.

**SECTION III PHYSICAL DATA**

PHYSICAL STATE	<b>liquid</b>	VAPOUR PRESSURE:(mmHg)	<b>n.av.</b>
COLOUR:	<b>Blue</b>	VAPOUR DENSITY:(AIR=1)	<b>n.av.</b>
ODOUR:	<b>Apple Scented</b>	EVAPORATION RATE:	<b>n.av.</b>
BOILING POINT:	<b>85 Deg.C.</b>	SPECIFIC GRAVITY:	<b>1.014</b>
FREEZING POINT:	<b>5 Deg.C.</b>	pH:	<b>11-12</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.ap.</b>
FLAMMABILITY LIMITS IN AIR, % BY VOLUME: <b>Non-flammable</b>	LOWER: <b>n.ap.</b> UPPER: <b>n.ap.</b>
AUTO- IGNITION TEMPERATURE:	<b>n.av.</b>
MEANS OF EXTINCTION:	<b>Water fog, foam, Co2 or Dry Chemical.</b>
HAZARDOUS COMBUSION PRODUCTS:	<b>Toxic fumes of hydrogen chloride, amines, and oxides of carbon and nitrogen.</b>
SPECIAL FIREFIGHTING PROCEDURES:	<b>Wear self-contained breathing apparatus and full protective gear.</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.</b>
CHEMICAL INCOMPATIBILITY (MATERIAL & CONDITIONS):	<b>Oxidizing and reducing materials.</b>
HAZARDEOUS DECOMPOSITION PRODUCTS:	<b>Carbon, nitrogen oxides and hydrogen chloride fumes.</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.**  
 Skin- **Avoid prolonged contact with skin. Irritation may occur.**  
 Eyes-**Avoid contact with eyes. May cause irritation, tearing and redness.**  
 Ingestion-**May cause mucosal damage, nausea, vomiting and diarrhea.**

EXPOSURE LIMITS:	<b>n.av.</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>

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FOCUS

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**SECTION VII PERSONAL PROTECTIVE EQUIPMENT**

GLOVES: Rubber gloves.  
EYES: Safety glasses.  
FOOTWEAR: n.ap  
RESPIRATOR: Not usually needed.  
CLOTHING: Coveralls should be worn.

**SECTION VIII PREVENTIVE MEASURES**

STORAGE REQUIRMENTS: Keep in a cool, dry place away from strong oxidizing and reducing agents.  
SHIPPING INFORMATION: Keep away from extreme temperatures.  
LEAK AND SPILLAGE PROCEDURES: Absorb large spills with clay or earth. Flush small spills with water.  
HANDLING PROCEDURES: Keep container closed when not in use.  
WASTE DISPOSAL: Observe local, provincial and federal regulations for disposal.  
SPECIAL ENGINEERING CONTROLS: Adequate ventilation with eyewash access.

**SECTION IX FIRST AID MEASURE**

EYES: Flush with running water for 15 minutes. Get immediate attention.  
SKIN: Flush with water. If irritation persists, get medical attention.  
INGESTION: Drink milk, egg whites, gelatin solution or plenty of water. Get medical attention. DO NOT induce vomiting.  
INHALATION: Remove patient to fresh air.

**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