

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME:	<b>POT/PAN</b>	Emergency TEL: CANUTEC
PRODUCT USE:	Dishwashing Detergent	(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**

<b>MATERIAL</b>	<b>%</b>	<b>CAS NUMBER</b>	<b>TOXITY DATA: LD50, LC50</b>
Bio-Soft S-100	7-13	Mixture	LD50 (Oral, Rat) 890 mg/kg
Potassium Hydroxide	1-5	1310-58-3	LD50 (Oral, Rat) 273 mg/kg
Steol CS-460	1-5	mixture	LD50 (Oral, Rat) 7060 mg/kg
Sodium Xylenesulfonate	1-5	1300-72-7	LD50 (Oral, Rat) 650 mg/Kg

**SECTION III PHYSICAL DATA**

PHYSICAL STATE	<b>Liquid</b>	VAPOUR PRESSURE:(mmHg)	<b>n.av.</b>
COLOUR:	<b>Yellow</b>	VAPOUR DENSITY (AIR=1)	<b>n.av.</b>
ODOUR:	<b>Lemon fragrance</b>	EVAPORATION RATE:	<b>n.av.</b>
BOILING POINT:	<b>100 Deg. C.</b>	SPECIFIC GRAVITY:	<b>1.028</b>
REEZING POINT:	<b>-5 Deg. C.</b>	pH:	<b>8-8.5</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>Water fog, foam, Co2 or Dry chemical.</b>
HAZARDOUS COMBUSTION PRODUCTS:	<b>Carbon and Nitrogen Oxides.</b>
SPECIAL FIREFIGHTING PROCEDURES:	<b>Wear full protective clothing and self contained breathing apparatus.</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 INCOMPATABILITY (MATERIAL & CONDITIONS):	<b>Acids, metals and oxidizing agents.</b>
HAZARDEOUS DECOMPOSITION PRODUCTS:	<b>Carbon oxides.</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.**

Skin- **Contact may cause mild irritation and defatting of tissue on prolonged contact.**

Eyes- **May cause temporary discomfort and redness.**

Ingestion- **May cause nausea and diarrhea.**

EXPOSURE LIMITS: **Potassium Hydroxide-TWA: 2 mg/m<sup>3</sup> CEIL: 2mg/ m<sup>3</sup> from ACGIH**

SENSITIZATION TO PRODUCT: **n.av.**

CARCINODENICITY: **n.av.**

REPRODUCTIVE TOXICITY: **n.av.**

TERATOGENICITY: **n.av.**

MUTAGENICITY: **n.av.**

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: **None known.**

# NORA SYSTEMS INC.

Pot/Pan

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### SECTION VII PERSONAL PROTECTIVE EQUIPMENT

GLOVES:	Not required but may be used if skin is to be in prolonged contact with concentrate.
EYES:	Not normally required.
FOOTWEAR:	Not normally required.
RESPIRATOR:	Not normally required.
CLOTHING:	Not normally required.

### SECTION VIII PREVENTIVE MEASURES

STORAGE REQUIRMENTS:	Store in a cool, dry, well-ventilated area away from compatibles.
SHIPPING INFORMATION:	Do not expose to extreme temperatures.
LEAK AND SPILLAGE PROCEDURES:	Large spill, contain and pick up. Small spills-flush away with water.
HANDLING PROCEDURES:	Close container when not in use.
WASTE DISPOSAL:	In accordance with government regulations.
SPECIAL ENGINEERING CONTROLS:	General ventilation is sufficient.

### SECTION IX FIRST AID MEASURE

EYES:	Rinse with clean water for 15 minutes. If irritation persists, seek medical attention.
SKIN:	Flush with water. If irritation persists, seek medical attention.
INGESTION:	Do not induce vomiting. Drink large quantities of milk or water and seek medical attention.
INHALATION:	Remove patient to fresh air.

### SECTION X PREPARATION INFORMATION

PREPARED BY:	TECHNICAL DEPARTMENT
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TELEPHONE:	780-448-0145
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DATE:	JANUARY 2008
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**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