

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME:	BAND-O	Emergency TEL: CANUTEC
PRODUCT USE:	Liquid Deodorizer	(613) 996-6666
MANUFACTURERS NAME:	NORA SYSTEMS INC.	
ADDRESS:	7807 Argyll Road, Edmonton, Alberta T6C 4A9	
SUPPLIER:	NORA SYSTEMS INC.	
WHMIS CLASSIFICATION:	B3-Combustible	D2B- Toxic
TDG CLASSIFICATION:	Not Regulated	

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TOXITY DATA: LD50, LC50
Isopropyl Alcohol	7-13	67-63-0	ACGIH TLV-400 ppm LD50 (Oral, Rat) 5840 mg/kg Lethal (Human) Dose = 250 ml
Alkyl dimethyl benzyl Ammonium Chloride	0.5-1.5	68424-85-1	LD50 (Oral, Rat) 4000 mg/Kg

SECTION III PHYSICAL DATA

PHYSICAL STATE	liquid	VAPOUR PRESSURE:(mmHg)	n.av.
COLOUR:	Pale Coloured	VAPOUR DENSITY:(AIR=1)	n.av.
ODOUR:	Fresh Deodorizing	EVAPORATION RATE:	n.av.
BOILING POINT:	n.av.	SPECIFIC GRAVITY:	0.987
FREEZING POINT:	n.av.	pH:	9.3 1% Sol.
SOLUBILITY:	100%	ODOUR THRESHHOLD:	n.av.
		COEFFICIENT OF WATER/OIL:	n.av.

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD):	38 Deg.C.
FLAMMABILITY LIMITS IN AIR, % BY VOLUME: LOWER:	n.av. UPPER: n.av.
AUTO- IGNITION TEMPERATURE:	n.av.
MEANS OF EXTINCTION:	Water fog, foam, Co2, and dry chemical.
HAZARDOUS COMBUSTION PRODUCTS:	Will produce carbon oxides.
SPECIAL FIREFIGHTING PROCEDURES:	Do not use direct water stream. Wear self-contained breathing equipment.
EXPLOSION DATA-SENSIVITY TO MECHANICAL IMPACT:	n.av.
EXPLOSION DATA-SENSIVITY TO STATIC DISCHARGE:	n.av.

SECTION V REACTIVITY DATA

CHEMICAL STABILITY:	Stable.
CHEMICAL INCOMPATABILITY (MATERIAL & CONDITIONS):	Oxidizing material.
HAZARDEOUS DECOMPOSITION PRODUCTS:	Carbon monoxide and Carbon dioxide.

SECTION VI TOXIOLOGICAL PROPERTIES

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

EFFECTS OF EXPOSURE- ACUTE AND CHRONIC:
 Inhalation- **May cause upper respiratory tract irritation and dizziness.**
 Ingestion- **May cause nausea, vomiting and diarrhea.**
 Eyes- **May cause eye irritation.**
 Skin-**May cause irritation if prolonged contact occurs.**

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.

MATERIAL SAFETY DATA SHEET

SECTION VII PERSONAL PROTECTIVE EQUIPMENT

GLOVES: Rubber gloves should be worn to prevent prolonged contact with skin.
EYES: Not normally necessary.
FOOTWEAR: Rubber boots.
RESPIRATOR: Not normally necessary.
CLOTHING: Coveralls should be worn.

SECTION VIII PREVENTIVE MEASURES

STORAGE REQUIRMENTS: Store in cool, well-ventilated area away from strong oxidizers. Keep container closed when not in use.
SHIPPING INFORMATION: As required by federal, provincial and local regulations.
LEAK AND SPILLAGE PROCEDURES: For large spills, contain and pick-up. For small spills, wash area with warm water.
HANDLING PROCEDURES: Keep container closed when not in use.
WASTE DISPOSAL: Dispose in accordance with federal, provincial and local regulations.
SPECIAL ENGINEERING CONTROLS: General ventilation is sufficient.

SECTION IX FIRST AID MEASURE

EYES: Rinse with water for 15 minutes. Get medical attention.
SKIN: Wash off with warm water.
INGESTION: Drink large quantities of milk or water. Do not induce vomiting. Get medical attention.
INHALATION: Move 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