

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: RINSE X (L2232) **EMERGENCY TEL:** CANUTEC
(613) 996-6666

PRODUCT USE: Machine Dishwasher Additive

MANUFACTURERS NAME: CHEMISPHERE SOLUTIONS

ADDRESS: 15 Calder Place, St. Albert, AB T8N 5A6

SUPPLIER: Same as above.

WHMIS CLASSIFICATION:

 B3 Combustible  D2B Toxic

TDG CLASSIFICATION: Not Regulated

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TOXICITY DATA: LD50, LC50
Antarox	7-13	68551-13-3	LD50 (Oral, Rat) 1350 mg/kg
Isopropyl Alcohol	10-30	67-63-0	LD50 (Oral, Rat) 5 g/kg LC50 (Inhalation, Rat) 8000 ppm

SECTION III PHYSICAL DATA

PHYSICAL STATE:	Liquid	VAPOUR PRESSURE: (mmHg)	n.av.
COLOUR:	Blue	VAPOUR DENSITY: (AIR=1)	n.av.
ODOUR:	Mild Alcohol Odour	EVAPORATION RATE:	n.av.
BOILING POINT:	100 Deg. C.	SPECIFIC GRAVITY:	0.972
FREEZING POINT:	-5 Deg. C.	pH:	8.1
SOLUBILITY:	100%	ODOUR THRESHOLD:	n.av.
		COEFFICIENT OF WATER/OIL:	n.av.

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD) 47 Deg. C. (SFCC)

FLAMMABILITY LIMITS IN AIR, % BY VOLUME **LOWER:** n.av. **UPPER:** n.av.

AUTO-IGNITION TEMP.: n.av.

MEANS OF EXTINCTION: Water fog, CO2 or Dry Chemical

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.

SPECIAL FIREFIGHTING PROCEDURES: Do not use direct water stream. Wear full protective gear.

EXPLOSION DATA – SENSITIVITY TO MECHANICAL IMPACT: n.av.

EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE: n.av.

MATERIAL SAFETY DATA SHEET**SECTION V REACTIVITY DATA**

CHEMICAL STABILITY: Stable under normal conditions.

CHEMICAL INCOMPATIBILITY (MATERIAL & CONDITIONS): Oxidizing and reducing agents, acids.

HAZARDOUS DECOMPOSITION PRODUCTS: n.av.

SECTION VI TOXICOLOGICAL PROPERTIES

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

EFFECTS OF EXPOSURE – ACUTE AND CHRONIC:

Inhalation – May cause upper respiratory tract irritation, dizziness.

Ingestion – May cause nausea, vomiting and diarrhea.

Eyes – May cause persistent eye irritation which may cause permanent eye damage.

Skin – May cause irritation if prolonged contact occurs.

EXPOSURE LIMITS:

Isopropyl Alcohol – TLV 400 ppm

SENSITIZATION TO PRODUCT: n.av.

CARCINOGENICITY: n.av.

REPRODUCTIVE TOXICITY: n.av.

TERATOGENICITY: n.av.

MUTAGENICITY: n.av.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS None known.

SECTION VII PERSONAL PROTECTIVE EQUIPMENT

GLOVES: Rubber gloves may be worn.

EYES: Safety glasses with side shield.

FOOTWEAR: n.av.

RESPIRATOR: Not normally required.

CLOTHING: n.av.

SECTION VIII PREVENTATIVE MEASURES

STORAGE REQUIREMENTS: Store in cool, well-ventilated area away from strong oxidizers.

SHIPPING INFORMATION: As per TDG regulations.

LEAK AND SPILLAGE PROCEDURES: For larger 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: For use with adequate ventilation and access to eyewash.

MATERIAL SAFETY DATA SHEET**SECTION IX FIRST AID MEASURES**

EYES: Rinse with water for 15 minutes. Get medical attention.

SKIN: Wash off with warm water. If irritation persists, get medical attention.

INGESTION: Drink large quantities of water or milk. Do not induce vomiting. Get medical attention.

INHALATION: Move to fresh air.

SECTION X PREPARATION INFORMATION

PREPARED BY: TECHNICAL DEPARTMENT

TELEPHONE: (780) 460-4670

DATE: January, 2016

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 not 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