



# PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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## MATERIAL SAFETY DATA SHEET C-2001

### Protection Required



### MATERIAL IDENTIFICATION AND USE

**Manufacturer's Name** : PMC Water Systems Services Inc.  
**Manufacturer's Address** : 124 Connie Crescent, Unit 9, Concord, ON L4K 1L7  
**Manufacturer's Phone #** : (905) 669-8262  
**24 Emergency Phone #** : Canutec (613) 996-6666  
**Product Identifier** : C-2001  
**Product Use** : Closed System Inhibitor  
**WHMIS Class** : [D2B] Toxic [C] Oxidizer  
**TDG Class** : Not TDG Regulated

### HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
Sodium Hydroxide	1-5%	1310-73-2	Not Data Available	No Data Available
Sodium Tetraborate Pentahydrate	3-7%	1330-43-4	2403 mg/kg (rat)	No Data Available
Sodium Nitrite	7-13%	7632-00-0	85 mg/kg (rat - oral)	5.5 mg/L 4 h (rat – inhalation)

The remaining ingredients are not classified as hazardous according to the DSL.

### PHYSICAL DATA FOR PRODUCT

**Physical State** : Liquid  
**Odour and Appearance** : Aromatic; Pink Liquid  
**Odour Threshold** : No Data Available  
**Specific Gravity (Water = 1)** : 1.10 – 1.20 g/cc  
**Vapour Pressure (mmHg)** : No Data Available  
**Vapour Density (Air = 1)** : No Data Available  
**Evaporation Rate** : No Data Available  
**Boiling Point** : No Data Available  
**Freezing Point** : -10°C, 14°F  
**pH** : 11.5 – 12.5  
**Coefficient Water/Oil Distribution** : No Data Available  
**Solubility in Water** : Complete

### FIRE AND EXPLOSION HAZARD OF PRODUCT

**Flash Point And Method of Determination** : Not Applicable  
**Conditions of Flammability** : Not Flammable  
**Means of Extinction** : As for surrounding fire  
**Upper Explosion Limit** : Not Applicable  
**Lower Explosion Limit** : Not Applicable  
**Auto-Ignition Temperature** : Not Applicable  
**Hazardous Combustion Products** : Oxides of Nitrogen  
**Explosion Data: Sensitivity to Impact** : None Known

## REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	Avoid oxidizers and strong acids
Conditions of Reactivity	:	None
Hazardous Decomposition Products	:	Nitrogen oxides, CO and CO <sub>2</sub>

## TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	-
Skin Absorption	:	Yes
Eye Contact	:	Yes
Ingestion	:	Yes
Inhalation	:	Yes
Acute or Over Exposure Effects	:	Irritant to eyes, lungs and skin. Poison by ingestion.
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	TLV-TWA 2 mg/m <sup>3</sup> (Sodium Tetraborate Pentahydrate)
Irritancy	:	Slight
Sensitization	:	No Data Available
Carcinogenicity	:	None Known
Teratogenicity	:	None Known
Mutagenicity	:	None Known
Reproductive Effects	:	None Known

## PREVENTATIVE MEASURES

Personal Protective Equipment	:	Use rubber gloves, goggles or face shield
Respiratory Protection	:	Not normally required
Ventilation Requirements	:	Normal room ventilation
Spill and Leak Procedures	:	Flush to the sewer in accordance with local regulations.
Storage Requirements	:	Keep container closed when not in use. Store away from acids.
Special Handling Information	:	Not regulated

## FIRST AID MEASURES

Flush eyes with abundant water for 10 minutes. Wash contaminated area with soap and water. Launder clothing before reuse. In case of ingestion, give large quantities of water or milk and induce vomiting if possible. Seek immediate medical attention.

## PREPARATION INFORMATION

Prepared By	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
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Date Prepared	:	July 21, 2013

While all the data presented is believed to be accurate at the time of preparation, PMC Water Systems Services Inc. makes no warranty; the data is offered for your consideration, investigation and verification.