



# PMC WATER SYSTEMS SERVICES INC.

## 124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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### MATERIAL SAFETY DATA SHEET C-2009-P-OP

#### 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-2009-P-OP – Inhibited Propylene Glycol  
**Product Use** : Closed System Freeze Protectant  
**WHMIS Class** : Not a Controlled Product  
**TDG Class** : Not TDG Regulated

#### HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
Propylene Glycol	100%	57-55-6	20-34 g/kg	No Data Available

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

#### PHYSICAL DATA FOR PRODUCT

**Physical State** : Liquid  
**Odour and Appearance** : Viscous Pink Liquid  
**Odour Threshold** : No Data Available  
**Specific Gravity (Water = 1)** : 1.038 g/cc  
**Vapour Pressure (mmHg)** : 0.08  
**Vapour Density (Air = 1)** : 2.26  
**Evaporation Rate** : No Data Available  
**Boiling Point** : 188°C, 370.4°F  
**Freezing Point** : -25°C, -13°F  
**pH** : 9.0 – 11.0  
**Coefficient Water/Oil Distribution** : No Data Available  
**Solubility in Water** : Complete

#### FIRE AND EXPLOSION HAZARD OF PRODUCT

**Flash Point And Method of Determination** : 103°C, 217.4°F  
**Conditions of Flammability** : Not Flammable  
**Means of Extinction** : Carbon dioxide, foam  
**Upper Explosion Limit** : 12.5%  
**Lower Explosion Limit** : 2.6%  
**Auto-Ignition Temperature** : Not Applicable  
**Hazardous Combustion Products** : Not Applicable  
**Explosion Data:**  
**Sensitivity to Impact** : None Known  
**Sensitivity to Static Discharges** : None Known

## REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	None
Conditions of Reactivity	:	None
Hazardous Decomposition Products	:	None Known

## TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	Non irritating
Skin Absorption	:	Absorption not likely to be harmful
Eye Contact	:	May cause slight irritation
Ingestion	:	No hazards anticipated from swallowing small amounts
Inhalation	:	Negligible hazard at ambient temperature
Acute or Over Exposure Effects	:	No Data Available
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	None
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
Special Handling Information	:	Not Applicable

## FIRST AID MEASURES

Flush eyes with water for 10 minutes. Wash contaminated area with soap and water. Launder clothing before reuse. If ingested, do not induce vomiting. 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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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.