



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

TEL 905 669 8262, FAX 905 669 8252, EMAIL pmcwater@aol.com, www.pmcwatersystems.com

MATERIAL SAFETY DATA SHEET C-1000-ZA

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-1000-ZA
Product Use	:	Water Treatment
WHMIS Class	:	[E] Corrosive, [D2B] Poisonous
TDG Class	:	Corrosive Liquid, Acidic, Organic, NOS, (Phosphonic Acid Solution) Class 8, UN 3265, PG III

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Phosphonic Acid	1-5%	2809-21-4	2400 mg/kg (rat)	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	:	Mild Odour; Brown Liquid
Odour Threshold	:	No Data Available
Specific Gravity (Water = 1)	:	1.10 – 1.20 g/cc
Vapour Pressure (mmHg)	:	Not Data Available
Vapour Density (Air = 1)	:	Not Data Available
Evaporation Rate	:	Not Data Available
Boiling Point	:	110°C, 230°F
Freezing Point	:	0°C, 32°F
pH	:	.5 – 1.5
Coefficient Water/Oil Distribution	:	No Data Available

FIRE AND EXPLOSION HAZARD OF PRODUCT

Flash Point And Method of Determination	:	Not Applicable >95°C, 203°F
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	:	When product is involved in a fire, firefighters should wear full protective clothing and self-contained breathing apparatus if exposed to vapours or products of combustion.

REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	Avoid oxidizers and strong acids
Conditions of Reactivity	:	Not applicable
Hazardous Decomposition Products	:	Carbon oxides and nitrogen oxides may be formed

TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	Corrosive
Skin Absorption	:	No Data Available
Eye Contact	:	Yes
Ingestion	:	Yes
Inhalation	:	Yes
Acute or Over Exposure Effects	:	Corrosive to eyes, skin and mucous membranes
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	Moderate
Sensitization	:	No Data Available
Carcinogenicity	:	None Known
Teratogenicity	:	No Data Available
Mutagenicity	:	No Data Available
Reproductive Effects	:	No Data Available

PREVENTATIVE MEASURES

Personal Protective Equipment	:	Use goggles or a face shield, rubber gloves
Ventilation Requirements	:	Normal room ventilation
Spill and Leak Procedures	:	Dilute with water. Neutralize and drain into sewer with abundant water
Storage Requirements	:	Keep from freezing

FIRST AID MEASURES

Flush eyes with abundant water. Rinse skin with soap and water. In case of ingestion, **do not induce vomiting**. Call a physician.

PREPARATION INFORMATION

Prepared By	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
Phone	:	905-669-8262
Fax	:	905-669-8252
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.