



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-1003

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-1003
Product Use : Water Treatment
WHMIS Class : [E] Corrosive, [D2B] Poisonous
TDG Class : Corrosive Liquid, Basic, Inorganic, NOS, (Potassium Hydroxide Solution) Class 8, UN 3266, PG III

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Phosphonic Acid	3-10%	2809-21-4	2400 mg/kg (rat)	No Data Available
Potassium Hydroxide	7-15%	1310-58-3	No Data Available	No Data Available
Sodium Molybdate Dihydrate	1 – 5%	10102-40-6	520 mg/kg	No Data Available
Tolytriazole	1 – 5%	95-14-7	5600 mg/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 : Mild Odour; Light Amber Liquid
Odour Threshold : No Data Available
Specific Gravity (Water = 1) : 1.15 – 1.25 g/cc
Vapour Pressure (mmHg) : Not Data Available
Vapour Density (Air = 1) : Not Data Available
Evaporation Rate : Not Data Available
Boiling Point : 100°C, 212°F
Freezing Point : 0°C, 32°F
pH : 13 - 14
Coefficient Water/Oil Distribution : No Data Available

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 : 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
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 rubber gloves, goggles or face shield.
Respiratory Protection	:	Not normally required
Ventilation Requirements	:	Normal room ventilation
Spill and Leak Procedures	:	Dilute with water. Neutralize and drain into the sewer with abundant water.
Storage Requirements	:	Keep from freezing

FIRST AID MEASURES

Flush eyes with abundant water. Rinse contaminated 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.