



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 B-3403

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 : B-3403
Product Use : Water Treatment
WHMIS Class : [D2B] Poisonous, [E] Corrosive
TDG Class : Corrosive Liquid NOS (Potassium Hydroxide) Class 8 (9.2), UN 1760, PG III

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Potassium Hydroxide	10-15%	1310-58-3	No Data Available	No Data Available
Phosphonic Acid	1-5%	2809-21-4	2400 mg/kg (rat)	No Data Available
Sodium Metabisulphite	10-30%	7681-57-4	No Data Available	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 : Slight Sweet Odour; Amber Liquid
Odour Threshold : No Data Available
Specific Gravity (Water = 1) : 1.06 g/cc
Vapour Pressure (mmHg) : No Data Available
Vapour Density (Air = 1) : No Data Available
Evaporation Rate : No Data Available
Boiling Point : 100°C, 212°F
Freezing Point : -10° to -15°C, 14° to 5°F
pH : 12 - 13
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 Data Available
Lower Explosion Limit : Not Data Available
Auto-Ignition Temperature : Not Data Available
Hazardous Combustion Products : May release NOx fumes.

REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	Avoid oxidizers and strong acids
Conditions of Reactivity	:	Not applicable
Hazardous Decomposition Products	:	On combustion oxides of phosphorus

TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	-
Skin Absorption	:	Yes
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	:	TLV-TWA 20 ppm Morpholine
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 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 14, 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.