



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-3005-D

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-3005-D
Product Use : Boiler Water Treatment
WHMIS Class : [D2B] Poisonous, [E] Corrosive
TDG Class : Corrosive Liquid, NOS, Class 8, UN 1760, PG III

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Sodium Molybdate Dihydrate	1-5%	10102-40-6	520F mg/kg	No Data Available
Potassium Hydroxide	3-7%	1310-58-3	365A mg/kg	No Data Available
Diethyl-hydroxylamine	3-7%	3710-84-7	>5000 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 : Clear Colourless Liquid
Odour Threshold : No Data Available
Specific Gravity (Water = 1) : 1.0 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 : -2°C, 28.4°F
pH : 13 – 14
Coefficient Water/Oil Distribution : No Data Available

FIRE AND EXPLOSION HAZARD OF PRODUCT

Flash Point And Method of Determination : > 95°C, 203°F
Conditions of Flammability : Not Flammable
Means of Extinction : As for surrounding fire
Upper Explosion Limit : No Data Available
Lower Explosion Limit : No Data Available
Auto-Ignition Temperature : No Data Available
Hazardous Combustion Products : No Data Available

REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	Oxidizers and strong acids
Conditions of Reactivity	:	Not Data Available
Hazardous Decomposition Products	:	Carbon monoxide and carbon dioxide

TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	Yes
Skin Absorption	:	No
Eye Contact	:	Yes
Ingestion	:	Yes
Inhalation	:	Yes
Acute or Over Exposure Effects	:	May cause skin irritation. May cause severe eye irritation. May cause discomfort, nausea or vomiting. May irritate gastrointestinal tract if ingested. May cause irritation to upper respiratory tract if inhaled.
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	No Data Available
Sensitization	:	No Data Available
Carcinogenicity	:	None Known
Teratogenicity	:	None Known
Mutagenicity	:	None Known
Reproductive Effects	:	None Known

PREVENTATIVE MEASURES

Personal Protective Equipment	:	Use goggles or face shield, personal protective clothing and rubber gloves.
Respiratory Protection	:	Not normally required
Ventilation Requirements	:	Normal room ventilation
Spill and Leak Procedures	:	Contain, soak up on inert material and place in containers for disposal according to local requirements. Flush remainder to drain with excess water.
Storage Requirements	:	Keep containers closed when not in use.
Special Handling Information	:	Upon freezing, some mixing may be required to obtain a homogenous product.

FIRST AID MEASURES

Flush eyes with abundant water for 15 minutes. Rinse skin with soap and water. In case of ingestion, do not induce vomiting. Give plenty of water, milk or egg whites. 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.