



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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MATERIAL SAFETY DATA SHEET

C-3700

Protection Required



SECTION 1 - 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-3700
Product Use : Water Treatment, pH Adjuster

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Sodium Bisulphate	100%	7681-38-1	2800 mg/kg (oral – rat)	No Data Available

SECTION 3 – HAZARDS IDENTIFICATION

Potential Health Effects	Signs and Symptoms of Short-Term (Acute) Exposure
Eyes	Corrosive to eyes. May cause severe damage including blindness.
Skin	Corrosive to skin
Inhalation	Corrosive to nose, throat and respiratory tract.
Ingestion	No Data Available
Chronic Effects	No known effect

SECTION 4 – FIRST AID MEASURES

Eye Contact	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Inhalation	Move victim to fresh air. If signs/symptoms continue, get medical attention.
Ingestion	Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if symptoms occur.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability	Not flammable
Flash Point	Not combustible
Extinguishing Media	Use extinguishing measures appropriate to local circumstances and surrounding environment.
Specific Hazards	None in particular
Explosion Data	Not expected to be sensitive to mechanical impact or static discharge.
Hazardous Combustion Products	Not Available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid dust formation.
Spill Response/Cleanup	Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with all applicable national environmental laws and regulations. Material may be recycled when contamination is not a problem.

SECTION 7 – HANDLING AND STORAGE

Handling	Use air conveying/mechanical systems for bulk transfer to storage. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment if release of airborne dust is expected.
Storage Requirements	Keep in a cool, dry well-ventilated area away from incompatible products (acids). Keep away from heat.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Good general ventilation should be sufficient for most conditions.
Respiratory Protection	In case of inadequate ventilation, wear respiratory protection.
Skin Protection	Wear suitable protective clothing; protective gloves and shoes or boots.
Eye/Face Protection	Safety glasses with side shields.
Other Comments	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Solid
Odour and Appearance	: Odourless; white crystalline powder
Odour Threshold	: Not Applicable
Specific Gravity (Water = 1)	: 2.22
Vapour Pressure (mmHg)	: Not Available
Vapour Density (Air = 1)	: Not Applicable
Evaporation Rate	: Not Applicable
Boiling Point	: Not Applicable
Freezing/Melting Point	: Not Available
pH	: 8.3 (1% solution) at 25°C
Solubility in Water	: 9.0% @ 20°C

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions for Chemical Instability	None known
Incompatible Materials	Except under controlled conditions: acids
Hazardous Decomposition Products	Reacts with acids to release carbon dioxide gas and heat
Hazardous Polymerization	Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Skin Contact	: May cause mild skin irritation.
Eye Contact	: May cause mild eye irritation.
Ingestion	: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.
Inhalation	: May cause respiratory tract irritation.
Chronic Exposure Effects	: Repeated or prolonged skin contact may cause irritation, drying or cracking of the skin. Repeated or prolonged ingestion or inhalation of large amounts may cause metabolic abnormalities, and sodium retention. No known chronic toxicity effect.
Sensitization	: Persons with pre-existing skin conditions might have increased sensitivity. Predisposing conditions that contribute to a mild alkali syndrome include renal disease, dehydration, and electrolyte imbalance, hypertension, sarcoidosis, congestive heart failure, edema, or other sodium retaining conditions. Not expected to be a skin or respiratory sensitizer.
Irritancy	: Non-irritating. May irritate abraded skin when moisture is present.
Carcinogenicity	: Not recognized as carcinogenic by ACGIH, IARC, NTP or OSHA.
Teratogenicity	: Not expected to be a teratogen.
Mutagenicity	: Not recognized as mutagenic by Research Agencies.
Reproductive Effects	: Not expected to cause reproductive or developmental effects.

SECTION 12 – ECOLOGICAL INFORMATION

General Comments

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

TDG Shipping Regulations

Not TDG Regulated

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification

Not controlled under WHMIS (Canada).

Domestic Substances List

All ingredients are listed on the DSL or are not required to be listed.

SECTION 16 – OTHER INFORMATION

Prepared by:

Lab Services
PMC Water Systems Services Inc.
124 Connie Crescent, Unit 9
Concord Ontario L4K 1L7

Preparation Date:

December 14, 2016

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.
