



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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

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

Hazard Statement Causes serious eye damage.
Precautionary Statements Wear protective gloves/protective clothing/eye protection/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center/doctor.

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. **Do not use:** Water jet or water fog.
Specific Hazards Decomposes on heating emitting toxic fumes, including those of oxides of sulphur. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray. Avoid contacting material with water as it readily dissolves to form a weak acid solution.
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	Avoid skin and eye contact and breathing in dust. Keep out of reach of children. Wash hands thoroughly after handling.
Storage Requirements	Store in a cool, dry, well ventilated place. Store away from foodstuffs. Store away from incompatible materials. Keep containers closed when not in use.

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	: 1.4 (1% aqueous solution)
Solubility in Water	: Soluble in water.

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions for Chemical Instability	Avoid dust generation. Avoid exposure to moisture.
Incompatible Materials	Incompatible with strong bases, calcium hypochlorite, sodium carbonate.
Hazardous Decomposition Products	Oxides of sulfur.
Hazardous Polymerization	Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Skin Contact	: May cause irritation.
Eye Contact	: Severe eye irritant
Ingestion	: Swallowing can result in nausea, vomiting, diarrhoea, and gastrointestinal irritation.
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 Avoid contaminating waterways. Material will decompose in soil. No adverse effects have been noticed when applied directly to crops. Low potential for bioaccumulation. Highly mobile in soils.

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, 2018

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.