



MATERIAL SAFETY DATA SHEET
C-2026-Z

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-2026-Z
Product Use : Water Treatment

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD₅₀	LC₅₀
PHA	10 – 30%	23783-26-8	2754 mg/kg (oral – rat)	No Data Available
Zinc Chloride	1 – 5%	7646-85-7	350mg/kg (oral – rat)	2000 mg/m ³ (inhalation- rat)

SECTION 3 – HAZARDS IDENTIFICATION

Eye Contact : Non irritant
Skin Contact : Non irritant. Not a skin sensitizer.
Inhalation : No specific health warnings noted.
Ingestion : May cause discomfort if swallowed. May cause stomach pain or vomiting.
Chronic Health Effects : Not Applicable

SECTION 4 – FIRST AID MEASURES

Eye Contact : Immediately flush eyes with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if symptoms occur after washing.
Skin Contact : Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.
Inhalation : Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.
Ingestion : DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Never give liquid to an unconscious person. Get medical attention if any discomfort continues.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability : Not Flammable
Flash Point : No Data Available
Autoignition : Not Available
Temperature :
Extinguishing Media : Use extinguishing media appropriate for surrounding fire. Use water spray, fog or mist. Powder. Foam. CO₂
Firefighting Equipment : Wear self-contained breathing apparatus and full protective clothing.
Specific Hazards : Fire creates toxic gases/vapours/fumes of carbon monoxide (CO), carbon dioxide (CO₂). Oxides of nitrogen.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Safety goggles. Wear protective clothing and equipment.
Environment Precautions	Do not discharge into drains or rivers. Dike to contain the spill.
Cleanup Procedures	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for appropriate disposal.

SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ventilate well; avoid breathing vapours.
Storage Requirements	Store in tightly closed original container in a well-ventilated area. Protect from freezing and direct sunlight. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Provide adequate general and local exhaust ventilation.
Respiratory Protection	No specific recommendations made; protect against levels exceeding 10mg/m ³ .
Skin Protection	Protective gloves made of neoprene, nitrile, polyethylene or PVC. Wear protective clothing and equipment.
Eye/Face Protection	Safety goggles.
General Hygiene	An eyewash station and safety shower should be available

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Odour and Appearance	: Slight sweet odour; amber liquid
Odour Threshold	: Not Data Available
Specific Gravity (Water = 1)	: 1.07 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/Melting Point	: -2°C, 28.4°F
pH	: 6 – 8
Coefficient Water/Oil Distribution	: Not Available
Solubility in Water	: Soluble

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity	Stable under normal conditions. Reacts with alkalis and generates heat.
Conditions for Chemical Instability	Heat
Incompatible Materials	Strong oxidizing substances. Strong alkalis. Strong acids.
Hazardous Decomposition Products	Toxic gases/vapours/fumes of carbon dioxide, carbon monoxide and nitrous gases.
Hazardous Polymerization	Hazardous polymerization will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry	: Eyes, skin, respiratory and digestive system
Skin Contact	: Prolonged skin contact may cause redness and irritation
Eye Contact	: May cause temporary eye irritation
Ingestion	: May cause discomfort if swallowed
Inhalation	: Upper respiratory irritation
Chronic Exposure Effects	: Not Data Available
Irritancy	: Not Data Available
Sensitization	: Not Data Available
Carcinogenicity	: Not Data Available
Teratogenicity	: Not Data Available
Mutagenicity	: Not Data Available
Reproductive Effects	: Not Data Available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	This product is not expected to be hazardous to the environment.
Degradability	Biodegradable
Bioaccumulative Potential	No bioaccumulation potential
Mobility	Product has poor water solubility.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose in accordance with federal, provincial or local government requirements. Contact your local, provincial or federal environmental agency for specific regulations.
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SECTION 14 – TRANSPORT INFORMATION

TDG Shipping Regulations	Not TDG Regulated
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SECTION 15 – REGULATORY INFORMATION

WHMIS Classification	Class D2B: Toxic Material
Domestic Substances List	All ingredients in the product are listed on the DSL.

SECTION 16 – OTHER INFORMATION

Prepared by:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
Preparation Date:	January 24, 2017

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.
