



**PMC WATER SYSTEMS SERVICES INC.**  
**124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.**

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**MATERIAL SAFETY DATA SHEET**  
**W-5120**

**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** : W-5120  
**Product Use** : Water Treatment / Waste Water Polymer

**SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL**

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
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**SECTION 3 – HAZARDS IDENTIFICATION**

**Hazard Statements** : None  
**Precautionary Statement** : None

**SECTION 4 – FIRST AID MEASURES**

**Eye Contact** : Rinse immediately with plenty of water. Seek medical attention if irritation occurs and persists.  
**Skin Contact** : Wash thoroughly with soap and water. Seek medical attention if skin irritation occurs and persists.  
**Inhalation** : If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.  
**Ingestion** : The product is not considered toxic based on studies on laboratory animals.

**SECTION 5 - FIRE FIGHTING MEASURES**

**Flammability** : Not flammable  
**Flash Point** : Not applicable  
**Autoignition Temperature** : Not applicable  
**Means of Extinction** : Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder. Water. Water spray. Dry sand. Limestone powder.  
**Special Firefighting Procedures/Equipment** : Fire responders should wear eye protection. Aqueous solutions or powders that become wet render surfaces extremely wet.  
**Hazardous Combustion Products** : No Data Available  
**NFPA Ratings** : Health 0, Flammability 0, Instability 0  
**HMS Ratings** : Health 0, Flammability 0, Reactivity 0

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	No special requirements
<b>Environment precautions</b>	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. Do not flush into surface water.
<b>Spill Response/Cleanup</b>	Contain spill if safe to do so. Sweep or vacuum up and place in an appropriate closed container. Clean up residual material by washing area with water and detergent. Dike or retain dilution water or water from firefighting for later disposal.

## SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	Good industrial practice in housekeeping and personal hygiene should be followed. Avoid contact with eyes and skin. Wash hands immediately after handling. Remove material from clothing.
<b>Storage Requirements</b>	Keep the container tightly closed and in a cool, well ventilated place. Avoid freezing or excessive heat.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation</b>	Avoid breathing dusts generated by this product. Use in a well-ventilated location.
<b>Respiratory Protection</b>	Dust masks are recommended where concentration of total dust is more than 10 mg/m <sup>3</sup> .
<b>Skin Protection</b>	Rubber gloves. Wear protective clothing; wash hands and contaminated skin thoroughly after handling.
<b>Eye/Face Protection</b>	Safety glasses with side-shields. Do not wear contact lenses where the product is used.
<b>Other Comments</b>	An eyewash station and safety shower should be available

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	:	Powder
<b>Odour and Appearance</b>	:	Odourless; white, free flowing
<b>Odour Threshold</b>	:	Not Available
<b>Specific Gravity (Water = 1)</b>	:	0.80 (Water = 1)
<b>Vapour Pressure (mmHg)</b>	:	Not Available
<b>Vapour Density (Air = 1)</b>	:	Not Available
<b>Evaporation Rate</b>	:	Not Applicable
<b>Boiling Point</b>	:	Not Applicable
<b>Freezing/Boiling Point</b>	:	Not Applicable
<b>pH</b>	:	5-9@ 5g/L
<b>Solubility in Water</b>	:	Completely miscible

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability/Reactivity</b>	Stable under normal conditions
<b>Incompatible Materials</b>	Oxidizing agents may cause exothermic reactions.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may produce oxides of nitrogen and carbon.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Skin Contact</b>	:	Prolonged or repeated exposure to skin may cause irritation.
<b>Eye Contact</b>	:	Contact with eyes may cause irritation.
<b>Ingestion</b>	:	LC50 > 5000 mg/kg, (oral - rat)
<b>Inhalation</b>	:	The product is not expected to be toxic by inhalation.
<b>Chronic Exposure Effects</b>	:	No Data Available
<b>Irritancy</b>	:	Contact with this product can be irritating to exposed skin, eyes and respiratory system.
<b>Sensitization</b>	:	This product is not considered a skin sensitizer.
<b>Carcinogenicity</b>	:	None of the ingredients are listed as a cancer-causing agent by NTP, OSHA or IARC.
<b>Teratogenicity</b>	:	No Data Available
<b>Mutagenicity</b>	:	No Data Available
<b>Reproductive Effects</b>	:	No information concerning the effects of this product and its components on the human reproductive system.

## SECTION 12 – ECOLOGICAL INFORMATION

**General Comments** Product is not expected to be environmentally hazardous. No evidence is currently available on this product's effects on aquatic life.

## 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.

## SECTION 14 – TRANSPORT INFORMATION

**TDG Shipping Regulations** Not TDG Regulated

## SECTION 15 – REGULATORY INFORMATION

**WHMIS Classification** Not controlled  
**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:** November 13, 2018

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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.