



# PMC WATER SYSTEMS SERVICES INC.

## 124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

TEL 905 669 8262, FAX 905 669 8252, EMAIL [pmcwater@aol.com](mailto:pmcwater@aol.com), [www.pmcwatersystems.com](http://www.pmcwatersystems.com)

### 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

**Overview** Aqueous solutions or powders that become wet render surfaces extremely slippery.

#### 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** No hazards which require special first aid measures.  
**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** Not applicable  
**Temperature**  
**Means of Extinction** Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder. Water. Water spray.  
**Special Firefighting** No special protective equipment required. Aqueous solutions or powders that become wet render surfaces extremely wet.  
**Procedures/Equipment**  
**Hazardous Combustion Products** No Data Available  
**NFPA Ratings** Health 1, Flammability 1, Instability 0  
**HMS Ratings** Health 1, Flammability 1, Reactivity 0

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions** No special requirements  
**Environment precautions** Ensure spilled product does not enter drains, sewers, waterways or confined spaces. Do not flush into surface water.  
**Spill Response/Cleanup** Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away with traces of water.

## 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>	Store in a cool, dry place to maintain product performance.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation</b>	Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.
<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>	:	Not Available
<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>	:	The results of testing on rabbits showed this material to be non-toxic even at high dose levels.
<b>Eye Contact</b>	:	Irritating to eyes
<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>	:	The results of testing on rabbits showed this material to be non-irritating to the skin. The results of testing on guinea pigs showed this material to be non-sensitizing. Testing according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on all conjunctivae.
<b>Sensitization</b>	:	A two-year feeding study on rats and a one-year feeding study on dogs did not reveal adverse health effects.
<b>Carcinogenicity</b>	:	No Data Available
<b>Teratogenicity</b>	:	No Data Available
<b>Mutagenicity</b>	:	No Data Available
<b>Reproductive Effects</b>	:	No Data Available

## SECTION 12 – ECOLOGICAL INFORMATION

<b>General Comments</b>	Not readily biodegradable. Does not hydrolyse. Does not bioaccumulate.
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## 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:** February 29, 2016

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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.

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