



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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MATERIAL SAFETY DATA SHEET

C-2016

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-2016
Product Use : Water Treatment

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

| Ingredients | Concentration | CAS # | LD ₅₀ | LC ₅₀ |
|-----------------------|---------------|-----------|-------------------------|------------------|
| Dipotassium phosphate | 10-30% | 7758-11-4 | 4810 mg/kg (oral - rat) | Not Available |

SECTION 3 – HAZARDS IDENTIFICATION

Potential Health Effects

Eye Contact : May irritate eyes.
Skin Contact : May cause skin irritation. Unlikely to be absorbed through skin.
Inhalation : Mists may cause irritation of upper respiratory tract. Symptoms may include coughing, shortness of breath and nausea.
Ingestion : If large amounts of the product are ingested, symptoms may include gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 4 – FIRST AID MEASURES

Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Skin Contact : Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and laundry before reuse.
Inhalation : Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
Ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability : This product is not considered to be flammable.
Flash Point : Not Applicable
Autoignition : Not Available
Temperature :
Extinguishing Media : Use extinguishing media appropriate for surrounding fire.
Special Procedures : Firefighters should wear full protective clothing including self-contained breathing equipment.
Hazardous Combustion Products : When involved in a fire, oxides of phosphorus and potassium.
NFPA Ratings : HEALTH 2, FLAMMABILITY 0, INSTABILITY 0
HMIS Ratings : HEALTH 2, FLAMMABILITY 0, REACTIVITY 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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| Personal Precautions | Wear appropriate protective equipment. |
| Environment Precautions | Ensure spilled product does not enter sewers or streams. |
| Spill Response/Cleanup | Absorb with an inert dry material and place in an appropriate waste disposal container. Scoop up or vacuum up and place in an appropriate closed container. Clean up residual material by washing area with water and detergent. Do not return material to its original container. |
| Prohibited Materials | Do not add water to spilled material. |

SECTION 7 – HANDLING AND STORAGE

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| Handling | Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapor. Keep containers closed when not in use. Do not consume food, drink or smoke while handling this material. Wash thoroughly after handling. |
| Storage Requirements | Store in a cool, dry, well-ventilated area. Store in original container. Keep containers tightly closed. |

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Ventilation | Local exhaust ventilation as necessary to maintain exposures to within applicable limits. |
| Respiratory Protection | If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. |
| Skin Protection | Rubber gloves. Chemical resistant clothing and boots |
| Eye/Face Protection | Goggles, safety glasses with side shields. |
| Other Comments | An eyewash station and safety shower should be available |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State | : | Liquid |
| Odour and Appearance | : | Odourless; clear liquid |
| Odour Threshold | : | Not Available |
| Specific Gravity (Water = 1) | : | 1.15 – 1.25 g/cc |
| Vapour Pressure (mmHg) | : | 0.1 - 0 mmHg @ 20 C |
| Vapour Density (Air = 1) | : | Not Applicable |
| Evaporation Rate | : | Not Applicable |
| Boiling Point | : | 100°C, 212°F |
| Freezing Point | : | -2°C, 28.4°F |
| pH | : | 9 - 10 |
| Solubility in Water | : | Soluble |

SECTION 10 – STABILITY AND REACTIVITY

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| Stability/Reactivity | Stable |
| Incompatible Materials | Corrosive to metals. |
| Conditions of Reactivity | None known |
| Hazardous Decomposition Products | Oxides of phosphorus. Oxides of potassium. |
| Hazardous Polymerization | Will not occur. |

SECTION 11 – TOXICOLOGICAL INFORMATION

| | |
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| Effects of Acute Exposure | |
| Skin Contact | : May cause skin irritation. Unlikely to be absorbed through skin. Skin contact may aggravate an existing dermatitis. |
| Eye Contact | : May irritate eyes. |
| Ingestion | : If large amounts of the product are ingested, symptoms may include gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Inhalation | : Mists may cause irritation of upper respiratory tract. Symptoms may include coughing, shortness of breath and nausea. Particulate inhalation may lead to pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma. |
| Chronic Exposure Effects | : No Data Available |
| Exposure Limit | : None know. |
| Irritancy | : Not Available |
| Carcinogenicity | : Not Available |
| Teratogenicity | : Not Available. |
| Mutagenicity | : Not Available. |
| Reproductive Effects | : Not Available. |

SECTION 12 – ECOLOGICAL INFORMATION

General Comments Do not allow product to enter storm or sanitary sewers, lakes, rivers, streams or public waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Dispose in accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

Shipping Regulations Not TDG Regulated
Domestic Substances List All ingredients are listed on the DSL or are not required to be listed.

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification Not WHMIS Regulated

SECTION 16 – OTHER INFORMATION

Prepared by Lab Services
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Preparation Date March 8, 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.