



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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SAFETY DATA SHEET C-2005 Alumaguard

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-2005 Alumaguard
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

GHS Classification : Not a hazardous substance according to GHS
Hazard Statement : None
Precautionary Statement : None

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 Temperature : Not Available

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 0, Flammability 0, Instability 0
HMIS Ratings : Health 0, Flammability 0, Reactivity 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

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

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

Physical State	:	Liquid
Odour and Appearance	:	Slight sweet odour; amber liquid
Odour Threshold	:	Not Available
Specific Gravity (Water = 1)	:	1.05 – 1.10 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 Point	:	-2°C, 28.4°F
pH	:	7.5 – 8.0
Solubility in Water	:	Soluble

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11 – TOXICOLOGICAL INFORMATION

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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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.