



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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SAFETY DATA SHEET ANTIFOAM S-10

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 : Antifoam S-10
Product Use : Defoamer

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Formaldehyde	<0.1%	50-00-0	>5000 mg/kg (rat)	No Data Available
Silicon fluid compound	10%	NA	No Data Available	No Data Available

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Statement Causes eye irritation.
Precautionary Statement Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid release to the environment. Dispose of contents/container in accordance with local, regional, national, and/or international regulations.
Non-Classified Hazard Product spills are extremely slippery: prevent foot traffic in area of spill.

SECTION 4 – FIRST AID MEASURES

Eye Contact Contact with eyes may result in irritation. Immediately flush eyes with water or ophthalmic rinse solution; continue flushing with water for 15 minutes to remove any residual material. If irritation persists, seek medical attention.
Skin Contact Prolonged contact with skin may produce irritation. Remove contaminated clothing and flush contact area with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation Inhalation of product mists may cause respiratory irritation. Move victim to fresh air. If breathing is difficult, provide oxygen. If irritation persists, seek medical attention.
Ingestion Ingestion may result in gastrointestinal discomfort. If victim is conscious, provide water or milk to dilute ingested material. Do not induce vomiting unless instructed by a physician or Poison Control Center. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability Not flammable
Flash Point Not flammable
Autoignition Temperature Not flammable
Extinguishing Media For small fires, use A-B-C fire extinguisher. Large fires may be extinguished with any media suitable for the surrounding fire.
Firefighting Equipment Wear self-contained breathing apparatus.

Hazardous Combustion Products Thermal decomposition may produce hazardous CO, fumes and particulate silica.
HMS Ratings Health 1, Flammability 0, Reactivity 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions First responders should wear recommended personal protective equipment. For large spill cleanup, personnel should wear chemical-resistant splash suit or coveralls.
Environment Precautions Prevent spills from contaminating natural waterways or municipal sewer systems. Use chemical-resistant spill control socks/booms to minimize spread of spill.
Cleanup Procedures Reclaim as much spilled material as possible and return to original container. Use copious amount of water to flush spill residue to wastewater treatment system.

SECTION 7 – HANDLING AND STORAGE

Handling Use containment devices to prevent uncontrolled spills. Do not eat, drink, or smoke while handling product; wash thoroughly with soap after handling.
Storage Requirement Store at room temperature. Keep container closed when not in use. Use containment devices to prevent uncontrolled spills.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection Not normally required
Skin Protection Chemical resistant gloves.
Eye/Face Protection Safety glasses.
General Hygiene An eyewash station and safety shower should be available

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid
Odour and Appearance : Mild sweet; opaque white liquid
Odour Threshold : Not Available
Specific Gravity (Water = 1) : 1.0
Vapour Pressure (mmHg) : <0.01 @ 20°C, 86°F
Vapour Density (Air = 1) : Not Available
Evaporation Rate : Not Available
Boiling Point : 100°C, 212°F
Freezing/Melting Point : 0°C, 32°F
pH : Neat 7.0 – 8.5
Coefficient Water/Oil Distribution : Not Available
Solubility in Water : Dispersible

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity Stable under normal storage and conditions.
Conditions for Chemical Instability Keep container closed and prevent exposure to temperature extremes.
Reactivity This product may react with strong oxidizing materials.
Hazardous Decomposition Products Thermal decomposition may produce hazardous CO, fumes and particulate silica.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry : Eye/skin contact
Skin Contact : Yes
Eye Contact : Yes
Ingestion : Yes
Inhalation : Yes
Chronic Exposure Effects : May cause nausea, vomiting or diarrhea
Irritancy : Eye irritant
Sensitization : Not Data Available
Carcinogenicity : No ingredients listed by IARC, NTP, or OSHA
Teratogenicity : No ingredients listed by IARC, NTP, or OSHA
Mutagenicity : Not Data Available
Reproductive Effects : Not Data Available

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic Toxicity	Fathead minnow, 96 hour LC ₅₀ , = > 500 mg/l (actual value from similar product) Daphnia magna, 48 hour EC ₅₀ , = 6.28 mg/l (actual value from similar product) Based on these test results, this product is expected to be slightly toxic to fish and moderately toxic to aquatic invertebrates. Prevent spills from entering natural waterways and sewer systems.
Biodegradability	No specific biodegradability data have been determined for this product.
Environmental Fate	This product would be gradually dispersed and biologically degraded in natural waterways and soil. The organic components are not anticipated to resist natural degradation or bioaccumulate.

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	Not WHMIS Regulated
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:	June 21, 2018

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.