



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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SAFETY DATA SHEET C-2026-TTA

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-2026-TTA
Product Use : Anticorrosion additive

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Tolytriazole Sodium Salt	8-15%	64665-57-2	1980 mg/kg (oral – rat)	No Data Available

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Statements Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.
Precautionary Statements Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. If swallowed: Rinse mouth. Do NOT induce vomiting. Call a Poison Center/doctor if you feel unwell. If on skin (or hair): immediately take off all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a Poison Center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center/doctor. Store locked up. Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

SECTION 4 – FIRST AID MEASURES

Eye Contact Flush eyes with plenty of water for at least 15 minutes while occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Inhalation Remove victim to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.
Ingestion Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability Non-Combustible
Flash Point >100°C, 212°F
Autoignition Temperature >500°C, 932°F
Extinguishing media Use water spray to cool fire-exposed containers. Use extinguishing media appropriate for surrounding fire. Do not get water inside containers.
Unusual Fire or Explosion Hazards During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapours may be heavier than air; they can spread along the ground and collect in low or confined areas. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated.
Firefighting Do not release runoff from fire control methods to sewers or waterways.

Instructions

Firefighting Equipment	Since fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus with a full face-piece operated in pressure-demand or positive-pressure mode.
Hazardous Combustion Products	Substance itself does not burn but may decompose upon heating to produce irritating and/or toxic fumes.
NFPA Ratings	Health 3, Flammability 1, Instability 0
HMS Ratings	Health 3, Flammability 1, Reactivity 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Safety eye goggles. Wear protective clothing and equipment.
Environment Precautions	Do not release into sewers or waterways. Avoid discharge to natural waters and sewers.
Spill Response/Cleanup	Clean up spills immediately and ventilate spill area. For small spills: absorb spill with inert material (e.g. dry sand or earth), then place in chemical waste container. For large spills: dike far ahead of liquid spill for later disposal.

SECTION 7 – HANDLING AND STORAGE

Handling	Do not breathe vapour, mist or gas. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Do not ingest or inhale. Use only in a chemical fume hood. Discard contaminate shoes.
Storage Requirements	Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Store in original tightly closed container.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Local exhaust ventilation is preferred to control source contaminant dispersion.
Respiratory Protection	When respiratory protection is required for certain operations, use a NIOSH approved air-purifying respirator.
Skin Protection	Chemical protective gloves, footwear and clothing to prevent prolonged or repeated skin contact.
Eye/Face Protection	Chemical safety goggles; protective eyeglasses
Other Comments	An eyewash station and safety shower should be available. Never eat, drink or smoke in work areas. Practice good person hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Odour and Appearance	:	Mild odour; yellow to brownish red liquid
Odour Threshold	:	Not Available
Specific Gravity (Water = 1)	:	1.05 to 1.10 g/cc
Vapour Pressure (mmHg)	:	0.04 @ 20°C, 68°F
Vapour Density (Air = 1)	:	Not Available
Evaporation Rate	:	<1
Boiling Point	:	104° C, 219° F
Freezing/Melting Point	:	-5° C, 23° F
pH	:	11 – 12
Solubility in Water	:	Miscible

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity	Stable under normal conditions.
Conditions to Avoid	Ignition sources, dust generation, excess heat, strong oxidants.
Incompatible Materials	Oxidizing and reducing agents.
Hazardous Decomposition Products	Thermal oxidative decomposition can produce nitrogen oxides, carbon monoxide and carbon dioxide.
Hazardous Polymerization	Hazardous polymerization will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry	:	Eyes, skin, and ingestion. Absorbed through skin.
Skin Contact	:	Causes skin burns.
Eye Contact	:	Causes eye burns.
Ingestion	:	Hazardous in case of ingestion.

Inhalation	:	Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
Chronic Exposure Effects	:	Repeated or prolonged contact with spray mist may produce chronic eye irritation, severe skin irritation, and respiratory tract irritation leading to frequent attacks of bronchial infection.
Irritancy	:	Corrosive eye and skin irritant.
Sensitization	:	Not Available
Carcinogenicity	:	Not listed as a carcinogen by IARC, NTP, ACGIH and OSHA.
Teratogenicity	:	Not Available
Mutagenicity	:	Not Available
Reproductive Effects	:	Not Available

SECTION 12 – ECOLOGICAL INFORMATION

General Comments No Data Available

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 UN 3267, Corrosive Liquid, Basic, Organic, N.O.S. Solution (Sodium Tolytriazole), Class 8, PG III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification Class D2B: Toxic Material
Class E: Corrosive Material

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.
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Concord Ontario L4K 1L7

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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.