

Material Safety Data Sheet

WHMIS	Protective Clothing	TDG Road/Rail
		

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: Aqua Cop-Out **Effective Date:** 01/01/2010 **Code No.:** EDTA
Product use: Pool Chemical
WHMIS: WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).
TDG: Not controlled under TDG (Canada).

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SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC₅₀/LD₅₀
1) Tetrasodium ethylenediaminetetraacetate	64-02-8	30-60	Not available.	ORAL (LD50) mg/kg: Acute: 3030 (Rat.).

SECTION III - PHYSICAL DATA

Boiling point: 106°C (222.8°F)	Specific Gravity: 1.10 (Water = 1)
Vapour Pressure: Not available.	Vapor Density: The highest known value is 1 (Air = 1) (Tetrasodium ethylenediaminetetraacetate).
Solubility in Water: Miscible in water.	Percent Volatile: >75%
Physical State: Liquid.	Evaporation Rate: Not available.
Appearance and Odour: Pink. Not available	pH (as supplied): 12.00-13.00
	Viscosity: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Non-flammable.
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Hazardous Combustion Products: Not applicable.
Means of Extinction: Not applicable.
Special Fire Hazards: Not available.

SECTION V - REACTIVITY DATA

Stability: The product is stable.
Incompatibility: Highly reactive with oxidizing agents, acids, moisture.
Slightly reactive to reactive with metals, alkalis.
Very slightly to slightly reactive with reducing agents, organic materials.
Hazardous Decomposition Products: carbon oxides (CO, CO₂)

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry	Eye contact. Ingestion.
Acute Effects on Humans:	Extremely dangerous in case of eye contact (irritant). Slightly dangerous to dangerous in case of skin contact (irritant, sensitizer). Very slightly to slightly dangerous in case of ingestion. Non-corrosive for skin. Non-permeator by skin. Non-hazardous in case of inhalation. Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. This product is an eye irritant. This product may irritate eyes and skin upon contact. Inflammation of the eye is characterized by redness, watering, and itching.
Chronic Effects on Humans:	CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [Nitrilotriacetic acid, trisodium salt]. MUTAGENIC EFFECTS: Classified POSSIBLE by [Nitrilotriacetic acid, trisodium salt]. TERATOGENIC EFFECTS: Classified NONE by [Caustic soda]. The substance is toxic to blood, kidneys, liver, lungs. The substance is not toxic to the nervous system, the reproductive system. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.
Synergistic Materials:	Not available.

SECTION VII - PREVENTIVE MEASURES

Gloves:	Gloves (impervious).
Eye Protection:	Splash goggles.
Respiratory Protection:	Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment:	Other protective equipment as required by employer code.
Engineering Controls:	Good general ventilation should be sufficient to control airborne levels.
Leak and Spill Procedure:	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Waste Disposal:	Recycle, if possible. Consult your local or regional authorities.
Storage Requirements:	Alkalis may be stored in heavy duty gauge steel containers. Corrosive materials should be stored in a separate safety storage cabinet or room.

SECTION VIII - FIRST AID

Eye:	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Finish by rinsing thoroughly with running water to avoid a possible infection. COLD water may be used.
Skin:	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

SECTION IX - OTHER INFORMATION

References	Not available.
Additional remarks:	No additional remark.

Validated by Lawrason's Inc on 01/01/2010.

Verified by Lawrason's Inc.

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