

# Material Safety Data Sheet

<b>WHMIS</b>	<b>Protective Clothing</b>	<b>TDG Road/Rail</b>
		

## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**Product name:** AQUA SPARKLING CLEAR      **Effective Date:** 01/01/2010      **Code No.:** 27271WIP  
**Product use:** Pool Chemical  
**WHMIS:** Corrosive liquids, n.o.s.  
**TDG:** Not a TDG regulated material.

**Manufacturer:**

Lawrason's Inc.  
460 Wyecroft Road  
Oakville, ON, L6K 2G7  
Tel: (905) 842-8300  
Fax: (905) 842-8906

**Supplier:**

Lawrasons's Inc.  
460 Wyecroft Road  
Oakville, ON L6K 2G7  
Tel: (905) 842-8300  
Fax: (905) 842-8906

**EMERGENCY PHONE : CANUTEC (613) 996-6666**

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC <sub>50</sub> /LD <sub>50</sub>
1) Aluminum chloride hydroxide sulfate	39290-78-3	15-40		

## SECTION III - PHYSICAL DATA

<b>Boiling point:</b>	100°C	<b>Specific Gravity:</b>	1.205 +/- 0.3
<b>Vapour Pressure:</b>	Not Available.	<b>Vapor Density:</b>	>1 (Air = 1)
<b>Solubility in Water:</b>	Easily soluble in cold water, hot water, methanol, diethyl ether. Partially soluble in n-octanol.	<b>Percent Volatile:</b>	>75%
<b>Physical State:</b>	Liquid.	<b>Evaporation Rate:</b>	<1 compared to Ethyl ether
<b>Appearance and Odour:</b>	Blue.	<b>pH (as supplied):</b>	2.6 +/- 0.3
	Not available.	<b>Viscosity:</b>	Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Not flammable  
**Flash Points:** Not available  
**Flammable Limits:** Not available  
**Hazardous Combustion Products:** These products are carbon oxides (CO, CO2).  
**Means of Extinction:** Flammable liquid, soluble or dispersed in water.  
SMALL FIRE: Use DRY chemicals, CO2, alcohol foam or water spray.  
LARGE FIRE: Use alcohol foam, water spray or fog.  
**Special Fire Hazards:**

## SECTION V - REACTIVITY DATA

**Stability:** The product is stable.  
**Incompatibility:** Highly reactive with oxidizing agents.  
Reactive with reducing agents, acids, alkalis.  
Slightly reactive to reactive with organic materials, metals.  
Non-reactive with moisture.  
**Hazardous Decomposition Products:** nitrogen oxides (NO, NO2...) ammomiactal vapors

### SECTION VI - TOXICOLOGICAL PROPERTIES

<b>Routes of Entry</b>	Eye contact. Inhalation. Ingestion.
<b>Acute Effects on Humans:</b>	Very hazardous in case of skin contact (sensitizer), of eye contact (irritant), of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant, permeator). 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. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching.
<b>Chronic Effects on Humans:</b>	<b>CARCINOGENIC EFFECTS:</b> None known. <b>MUTAGENIC EFFECTS:</b> None known. <b>TERATOGENIC EFFECTS:</b> None known. <b>DEVELOPMENTAL TOXICITY:</b> None known.
<b>Synergistic Materials:</b>	

### SECTION VII - PREVENTIVE MEASURES

<b>Gloves:</b>	Gloves.
<b>Eye Protection:</b>	Face shield.
<b>Respiratory Protection:</b>	Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
<b>Other Protective Equipment:</b>	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Engineering Controls:</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Leak and Spill Procedure:</b>	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container.  Flammable liquid. Corrosive liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT get water inside container. DO NOT touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities. Area will be slippery until cleaned.
<b>Waste Disposal:</b>	
<b>Storage Requirements:</b>	May corrode metallic surfaces. Store in a metallic or coated fibreboard drum using a strong polyethylene inner package. Store in a cool, dry, well ventilated area, away from heat and ignition sources. Keep drums and containers closed when not in use.

### SECTION VIII - FIRST AID

<b>Eye:</b>	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
<b>Skin:</b>	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.
<b>Inhalation:</b>	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
<b>Ingestion:</b>	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Product Name: AQUA SPARKLING  
CLEAR

Code No.: 27271WP

**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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