

# 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 PH PLUS      **Effective Date:** 01/01/2010      **Code No.:** 170696R  
**Product use:** Pool Chemical  
**WHMIS:** WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).  
**TDG:** Not controlled under TDG (Canada).

**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

<b>Ingredients</b>	<b>CAS #</b>	<b>Wt%</b>	<b>ACGIH-TLV</b>	<b>LC<sub>50</sub>/LD<sub>50</sub></b>
1) Sodium carbonate	000497-19-8	100	Not available.	<b>ORAL (LD50)</b> mg/kg: Acute: 4090 (Rat).

## SECTION III - PHYSICAL DATA

<b>Boiling point:</b>	Not available.	<b>Specific Gravity:</b>	2.532 (Water = 1)
<b>Vapour Pressure:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Solubility in Water:</b>	Soluble in cold water.	<b>Percent Volatile:</b>	Not available.
<b>Physical State:</b>	Solid.	<b>Evaporation Rate:</b>	Not available.
<b>Appearance and Odour:</b>	Not available.	<b>pH (as supplied):</b>	9.50 (10% SOLUTION)
	Not available.	<b>Viscosity:</b>	Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

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

## SECTION V - REACTIVITY DATA

<b>Stability:</b>	The product is stable.
<b>Incompatibility:</b>	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
<b>Hazardous Decomposition Products:</b>	Not available.

**SECTION VI - TOXICOLOGICAL PROPERTIES**

<b>Routes of Entry</b>	Ingestion.
<b>Acute Effects on Humans:</b>	No specific information is available in our database regarding the other toxic effects of this material for humans. Corrosive to eyes and skin. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
<b>Chronic Effects on Humans:</b>	<b>CARCINOGENIC EFFECTS:</b> Not available. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. Toxicity of the product to the reproductive system: Not available. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.
<b>Synergistic Materials:</b>	Not available.

**SECTION VII - PREVENTIVE MEASURES**

<b>Gloves:</b>	Gloves.
<b>Eye Protection:</b>	Splash goggles.
<b>Respiratory Protection:</b>	Vapor and dust 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 and dust 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>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
<b>Leak and Spill Procedure:</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: <b>Neutralize the residue with a dilute solution of acetic acid.</b> Corrosive solid. Stop leak if without risk. DO NOT get water inside container. DO NOT touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. <b>Neutralize the residue with a dilute solution of acetic acid.</b>
<b>Waste Disposal:</b>	Recycle, if possible. Consult your local or regional authorities.
<b>Storage Requirements:</b>	Corrosive materials should be stored in a separate safety storage cabinet or room.

**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. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

**SECTION IX - OTHER INFORMATION**

<b>References</b>	Not available.
<b>Additional remarks:</b>	No additional remark.
<b>Validated by Lawrason's Inc on 01/01/2010.</b>	<b>Verified by Lawrason's Inc.</b>
	<b>Printed 20/01/2010.</b>

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