

# Safety Data Sheet

Product Name: Aquarius

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Manufactured by:  
Randall Industries, LLC  
4565 Hemlock Road  
Cherry Tree, PA 15724

## Section I

Emergency Phone Number: 1-800-535-5053  
Phone Number for Information: 1-814-743-6630  
MSDS Revision: Dec 15, 2015

## Ingredient(s):

Sodium Metasilicate

## Section II - Hazardous Ingredients

CAS No:	OSHA PEL	ACGIH TLV
6834-92-0	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

HMIS: 301

NFPA: 301

## Section III - Physical / Chemical Data

N/A=Not Applicable N/D=Not Determined

<b>Appearance:</b> Green	<b>Solubility in Water:</b> 100% Complete
<b>Odor:</b> Mint	<b>Specific Gravity:</b> 0.956 Water = 1
<b>pH:</b> 11.0 - 13.0	<b>Vapor Pressure:</b> N/D mm Hg
<b>Boiling Point:</b> 195 (90) °F (°C)	<b>Vapor Density:</b> N/D Air = 1
<b>Melting Point:</b> N/D °F (°C)	<b>Evaporation Rate:</b> N/D Butyl Acetate = 1

## Section IV - Fire And Explosion Hazards

**Flash Point:** None to IBP °F (°C) (CC) **Flammable Limits:** LEL: N/A UEL: N/A

**Extinguishing Media:** Use an extinguishing media appropriate for surrounding fire.

**Special Fire Fighting Procedures:** Wear an approved self-contained breathing apparatus and protective clothing.

**Fire / Explosive Hazards:** None known.

## Section V - Reactivity Data

**Stability:**  Stable  Unstable

**Hazardous Polymerization:**  May occur  Will not occur

**Incompatibility:** Acidic materials.

**Hazardous Decomposition Products:** None known.

**Conditions to Avoid:** None known.

## Section VI - Health Hazard Data

**Primary Routes of Entry:**  Inhalation  Skin Contact  Ingestion

**Health Hazards:** Acute: Breathing of mist may aggravate asthma.  
Chronic: Breathing mist may aggravate chronic asthma and other pulmonary diseases.

**Carcinogenicity:**  NTP  IARC Monographs  OSHA Regulated  Not a carcinogen

**Signs and Symptoms of Exposure:** Severe burning to eyes and skin.  
Ingestion: Causes burning of mouth, throat, esophagus, and stomach.  
Inhalation: May cause dizziness, coughing, sneezing, and upper respiratory irritation.

**Conditions Generally Aggravated by Exposure:** Pre-existing skin disorders may be aggravated with contact.

**Emergency and First Aid Procedures:** Eyes & Skin: Flush with water for 15 minutes, if irritation persists get medical attention.  
Ingestion: Do not induce vomiting. Drink water or milk. Get medical attention.  
Inhalation: Move to fresh air.

## Section VII - Precautions for Safe Handling and Use

**If Material is Released or Spilled:** Small spills can be flushed down local drains. Large spills can be absorbed with an inert material such as sand, soil, or clay.

**Wastes Disposal Method:** Dispose of in accordance with federal, state, and local regulations.

**Precautions for Handling and Storing:** Store between 40 and 120 degrees F.

**Other Precautions:** Keep Out Of Reach Of Children.

## Section VIII - Control Measures

**Respiratory Protection:** Chemical cartridge respirator if exposure limits are exceeded.

**Ventilation:** Local Exhaust

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Chemical goggles

**Other Protective Equipment:** Eye wash and safety shower should be nearby.

**Work/Hygenic Practices:** Wash hands before eating. Launder contaminated clothing before re-use.

