

# ROBARB MATERIAL SAFETY DATA SHEET



## Robarb Watertite

<b>1. Product And Company Identification</b>	
<u>Supplier</u> Robarb 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.com	<u>Manufacturer</u> Advantis Technologies Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
<u>Supplier Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
Issue Date: 04/18/2001  Product Name: Robarb Watertite CAS Number: Not Established Chemical Family: Alkali salt of Silicic Acid Chemical Formula: Proprietary Mixture MSDS Number: 72  <u>Synonyms</u> Water Glass	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	SODIUM SILICATE	1344-09-8	
Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).			

**Hazards Identification (Pictograms)**

<b>3. Hazards Identification</b>
<u>Primary Routes(s) Of Entry</u> Skin Contact  <u>Eye Hazards</u> Causes eye irritation.  <u>Skin Hazards</u> Causes skin irritation. Excessive tissue exposure can result in primary irritant dermatitis.  <u>Ingestion Hazards</u> Harmful if swallowed. Corrosive to gastrointestinal tract.

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### 3. Hazards Identification - Continued

#### Inhalation Hazards

Causes respiratory tract irritation.

#### Subchronic (Target Organ Effects)

Contains material which may cause Kidney damage.

#### Signs And Symptoms

Irritation of Eyes, Skin and Respiratory Passages. May cause nausea vomiting, headache and impaired kidney function. May cause respiratory difficulty and chemical pneumonia.

### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

#### Skin

In case of contact, immediately flush skin with soap and plenty of water. Neutralize with dilute vinegar or lemon juice. Remove contaminated clothing and shoes.

#### Ingestion

DO NOT INDUCE VOMITING. Call a physician or a poison control center immediately. If victim is fully conscious, give large amounts water followed by orange juice, or very dilute vinegar.

#### Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** N/A °F

**Flammability Class:** N/A

#### Fire And Explosion Hazards

Flamable hydrogen may be produced if product has prolonged contact with aluminum, tin, lead, or zinc. Material is slippery.

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

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### 6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Neutralize spill area with dilute hydrochloric acid. Use appropriate containers to avoid environmental contamination. Avoid runoff to waterways and sewers.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place. Keep containers tightly closed. Prevent from freezing.

#### Handling Precautions

Use only with adequate personal protection.

#### Storage Precautions

Store in a cool dry place.

#### Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material. Avoid contact with eyes. Will attack most metals.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Local exhaust acceptable. Special exhaust not required

#### Eye/Face Protection

Safety glasses with side shields or goggles recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

None normally required.

### 9. Physical And Chemical Properties

#### Appearance

Viscous colorless to hazy liquid

#### Odor

None

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** 32-50 °F

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### 9. Physical And Chemical Properties - Continued

**Odor - Continued**

**Boiling Point:** 212 °F

**Specific Gravity:** 1.30 1.50

**Molecular Weight:** NOT DETERMINED

**Percent Volitales:** 64%

**Vapor Pressure:** 24

**Vapor Density:** similar to water

**pH Factor:** 10-12

**Solubility:** miscible in water

**Evaporation Rate:** >1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Conditions To Avoid (Stability)**

Contact with Aluminum, Tin, Lead, or Zinc. May produce flammable gas

**Incompatible Materials**

Acids, Alcohol, and salts may cause this material to gel. Gel is not considered to present a hazard.

**Hazardous Decomposition Products**

Contact with Aluminum, Tin, Lead, or Zinc. May produce Hydrogen.

### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Do not allow into any sewer, on the ground, or into any body of water. Dispose in accordance with applicable federal, state and local government regulations.

### 14. Transport Information

**Proper Shipping Name**

NOT REGULATED

**Hazard Class**

NOT REGULATED

**Secondary Hazard Class**

NOT ASSIGNED

**DOT Shipping Label**

NOT ASSIGNED

**Packaging Requirements**


NONE ASSIGNED

### 15. Regulatory Information

No Data Available...

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<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">C</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	C
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	C								

### 16. Other Information

#### Precautionary Label

Corrosive Liquid

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 08/15/2000

#### Disclaimer

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Robarb

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