



# MATERIAL SAFETY DATA SHEET

## Robarb Watertite

<b>1. Product And Company Identification</b>	
<b>Supplier</b> <b>Robarb</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b> Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.com	<b>Manufacturer</b> <b>Advantis Technologies, Inc.</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b> Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
Issue Date: 02/13/2006 Product Name: Robarb Watertite Chemical Name: Sodium Silicate Solution CAS Number: Not Established Chemical Family: Alkali salt of Silicic Acid Chemical Formula: Proprietary Mixture MSDS Number: 72 <b>Synonyms</b> Water Glass	

<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent Of Total Weight
SODIUMSILICATE	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).			



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

### 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.

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### 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

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

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### 9. Physical And Chemical Properties - Continued

#### **Odor - Continued**

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...

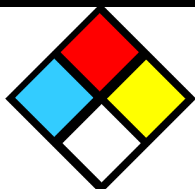
NFPA

HMIS

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### 15. Regulatory Information - Continued



### 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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HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C