



# MATERIAL SAFETY DATA SHEET

## Robarb Super Blue for Spas

### 1. Product And Company Identification

<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
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<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>
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Issue Date: 02/13/2006

Product Name: Robarb Super Blue for Spas  
 Chemical Name: Cationic Polyamide in water  
 CAS Number: Not Established  
 Chemical Formula: Proprietary  
 MSDS Number: 36

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
Polydimethyldiallylammoniumchloride	26062-79-3	

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).

### 3. Hazards Identification

**Primary Routes(s) Of Entry**  
 Skin Contact

**Eye Hazards**  
 May cause eye irritation.

**Skin Hazards**  
 May cause skin irritation. Non-sensitizer for skin.

**Ingestion Hazards**  
 Harmful if swallowed.

**Inhalation Hazards**  
 Slightly hazardous in case of inhalation.

**Signs And Symptoms**  
 Irritant to eyes and skin

### 4. First Aid Measures

No Data Available...

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### 4. First Aid Measures - Continued

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

#### Skin

Remove contaminated clothing and shoes. Rinse the affected area with tepid water for at least 15 minutes.

#### Ingestion

DO NOT INDUCE VOMITING. Drink large amounts of water or milk. Contact a physician or poison control. In cases where individual is semi-comatose, comatose, or convulsing, DO NOT GIVE FLUIDS BY MOUTH.

#### Inhalation

If inhaled, remove to fresh air.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: >100 °C

Flash Point Method: Closed Cup

Flammability Class: NOT FLAMMABLE

#### Fire And Explosion Hazards

In a fire situation, may liberate oxides of nitrogen or carbon, and hydrogen chloride.

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

CAUTION Surfaces wet with this product are slippery. Keep containers cool by spraying with water if exposed to fire.

### 6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

CAUTION Surfaces wet with this product are slippery.

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place. Wash thoroughly after handling.

#### Storage Precautions

Avoid contact with skin and clothing.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

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### 7. Handling And Storage - Continued

#### 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

Clear Blue

#### Odor

Mild amine

Chemical Type: Mixture

Physical State: Liquid

Melting Point: NOT APPLICABLE °F

Boiling Point: 212 °F

Specific Gravity: 1.0-1.1

Molecular Weight: Proprietary

Percent Volitales: NEGLIGIBLE

Packing Density: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Vapor Density: NOT DETERMINED

pH Factor: 2-3

Solubility: Soluble in Water

Viscosity: NOT DETERMINED

Evaporation Rate: <1

### 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: will not occur

#### Conditions To Avoid (Stability)

Strong Oxidizers

#### Incompatible Materials

Avoid contact with strong oxidizers

#### Hazardous Decomposition Products

When heated toxic fumes such as Oxides of Carbon, Nitrogen and Hydrogen chloride may be present

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### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

### 14. Transport Information

#### Proper Shipping Name

NOT REGULATED

#### Hazard Class

NONE ASSIGNED

#### DOT Identification Number

NONE

### 15. Regulatory Information

No Data Available...

NFPA	HMIS
	HEALTH <input type="text" value="1"/>
	FLAMMABILITY <input type="text" value="0"/>
	REACTIVITY <input type="text" value="0"/>
	PERSONAL PROTECTION <input type="text" value="B"/>

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 07/24/2000

#### Disclaimer

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Robarb

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