



MATERIAL SAFETY DATA SHEET

Robarb Super Blue for Spas

1. Product And Company Identification

Supplier 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	Manufacturer 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
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Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300
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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 1
	FLAMMABILITY 0
	REACTIVITY 0
	PERSONAL PROTECTION 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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