



MATERIAL SAFETY DATA SHEET

Leisure Time Bright & Clear

1. Product And Company Identification	
<u>Supplier</u> Leisure Time 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 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 & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911
<p>Issue Date: 06/22/2009</p> <p>Product Name: Leisure Time Bright & Clear</p> <p>Chemical Name: Catonic Polyamide in water</p> <p>Chemical Formula: Proprietary</p> <p>MSDS Number: 329</p>	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
Polydimethyldiallylammonium Chloride	26062-79-3		
<p>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).</p>			

EMERGENCY OVERVIEW
Keep Out of Reach of Children.

3. Hazards Identification
<u>Primary Routes(s) Of Entry</u> Skin Contact
<u>Eye Hazards</u> May cause eye irritation.
<u>Skin Hazards</u> May cause skin irritation. Non-sensitizer for skin.
<u>Ingestion Hazards</u> Mye be harmful if swallowed.
<u>Inhalation Hazards</u> Slightly hazardous in case of inhalation.
<u>Signs And Symptoms</u> Irritant to eyes and skin

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4. First Aid Measures

Eye

Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

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.

Handling Precautions

Do not mix with other chemicals. Add only to water.

Storage Precautions

Store tightly closed in original container.

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7. Handling And Storage - Continued

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

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

Use entire contents, then triple rinse and offer for recycling, or dispose in accordance with local, state, and federal regulations. Do not reuse container.

14. Transport Information

Proper Shipping Name

NOT REGULATED

Hazard Class

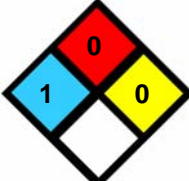
NONE ASSIGNED

DOT Identification Number

NONE

15. Regulatory Information

No Data Available...

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	B
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: 09/01/2004

Disclaimer

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