



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, 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 & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		
Issue Date: 09/01/2004 Product Name: Leisure Time Bright & Clear Chemical Name: Cationic Polyamide in water Chemical Formula: Proprietary MSDS Number: 329			
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			
<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> Harmful if swallowed. <u>Inhalation Hazards</u> Slightly hazardous in case of inhalation. <u>Signs And Symptoms</u> Irritant to eyes and skin			
4. First Aid Measures			
<u>Eye</u> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. <u>Skin</u> Remove contaminated clothing and shoes. Rinse the affected area with tepid water for at least 15 minutes.			

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4. First Aid Measures - Continued

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.

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.

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8. Exposure Controls/Personal Protection - Continued
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
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

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14. Transport Information - Continued

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 Supercedes A Previous MSDS Dated: 09/01/2004

Disclaimer

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