



MATERIAL SAFETY DATA SHEET

Leisure Time Spa Defender

1. Product And Company Identification			
Supplier 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		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	
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300		Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 06/11/2001 Product Name: Spa Defender Chemical Name: Polyacrylamide CAS Number: Not Established Chemical Family: Anionic Polymer Chemical Formula: Proprietary Mixture MSDS Number: 130			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
CITRICACID		77-92-9	
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 Contact			
Eye Hazards Causes eye irritation which may lead to blindness.			
Skin Hazards Causes skin irritation.			
Ingestion Hazards If ingested, get immediate medical attention.			
Inhalation Hazards May causes respiratory tract irritation.			
Signs And Symptoms Irritation of Eyes, Skin and Respiratory Passages			

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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

Wash the affected area under tepid running water using a mild soap. Remove contaminated clothing and shoes.

Ingestion

If victim is fully conscious, give one or two cups of water or milk to drink. Get medical attention immediately.

Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air. Consult a physician.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: n/a °F

Flammability Class: n/a

Fire And Explosion Hazards

Spills of this material are very slippery. The area should be flushed with water.

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.

6. Accidental Release Measures

SPILLS OF THIS MATERIAL ARE VERY SLIPPERY. Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flush spill area with water to remove residue and apply additional dry sweeping compound. Use appropriate containers to avoid environmental contamination.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

Handling Precautions

Do not get in eyes.

Storage Precautions

Keep out of reach of children. Store in a cool dry place. Avoid contact with Oxidizing agents.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Spills of this material are very slippery.

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Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

safety glasses or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

9. Physical And Chemical Properties

Appearance

Clear green liquid

Odor

Mild

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 212 °F

Specific Gravity: 1.0-1.1

Percent Volitales: 95%

Vapor Pressure: Not Determined

Vapor Density: >1

pH Factor: 6-8

Solubility: Miscible in water

Viscosity: Not Determined

Evaporation Rate: <1

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Avoid contact with strong Strong Oxidizing agents

Incompatible Materials

Strong Oxidizing Agents

Hazardous Decomposition Products

Oxides of Nitrogen and Carbon or sulfur oxides and/or hydrogen chloride gas

11. Toxicological Information

No Data Available...

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12. Ecological Information

No Data Available...

13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

14. Transport Information

Proper Shipping Name

Corrosive liquid, basic, organic, n.o.s. (ethylenediaminetriacetic acid, trisodium salt solution)

Hazard Class

8, PGIII (<=4L Consumer Commodity ORM-D)

DOT Identification Number

UN3267

15. Regulatory Information

Canadian Regulatory Information

NFPA



HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 11/14/2000

Disclaimer

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Advantis Technologies Inc.