



# MATERIAL SAFETY DATA SHEET

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## Leisure Time Defender

1. Product And Company Identification			
<b>Supplier</b> 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		<b>Manufacturer</b> 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	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 09/01/2004 Product Name: Leisure Time Defender Chemical Name: Polyacrylamide 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			
<b>Primary Routes(s) Of Entry</b> Skin Contact, Eye Contact			
<b>Eye Hazards</b> Causes eye irritation which may lead to blindness.			
<b>Skin Hazards</b> Causes skin irritation.			
<b>Ingestion Hazards</b> If ingested, get immediate medical attention.			
<b>Inhalation Hazards</b> May causes respiratory tract irritation.			
<b>Signs And Symptoms</b> 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...

**12. Ecological Information**

No Data Available...

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**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  
**Additional Shipping Paper Description**  
 North American Emergency Response Guide No. 153  
 Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR 173.154(d)].

**15. Regulatory Information**  
**Canadian Regulatory Information**

<p><b>NFPA</b></p>	<p><b>HMIS</b></p> <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">B</td> </tr> </table>	HEALTH	3	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	3								
FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	B								

**16. Other Information**  
**Revision/Preparer Information**  
 MSDS Preparer: JHW  
 This MSDS Superceeds A Previous MSDS Dated: 11/14/2000

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**Leisure Time**