



MATERIAL SAFETY DATA SHEET

Leisure Time Liquid Spa Down

1. Product And Company Identification			
Supplier 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	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: 08/05/2004 Product Name: Leisure Time Liquid Spa Down Chemical Name: Sodium bisulfate Chemical Family: pH reducer Chemical Formula: Proprietary Mixture MSDS Number: 43			
2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	SODIUMBISULFATE	7681-38-1	
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).			
Hazards Identification (Pictograms)			
			
3. Hazards Identification			
Primary Routes(s) Of Entry Skin Contact Eye Hazards Causes eye irritation. Skin Hazards Causes skin irritation. Ingestion Hazards Harmful if swallowed. Inhalation Hazards 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

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

Ingestion

DO NOT INDUCE VOMITING. Call a physician or a poison control center immediately. If victim is fully conscious, give one or two cups of water or milk to drink.

Inhalation

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

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: N/A

Fire And Explosion Hazards

At temperatures in excess of 570 F, hazardous fumes of sulfur dioxide and sulfur trioxide are evolved. Use forced draft ventilation or gas mask.

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. Water can be used to cool and protect exposed material.

6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Neutralize spill area with soda ash or lime. Flush spill area with water. Use appropriate containers to avoid environmental contamination.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

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

Handling Precautions

Use only with adequate personal protection.

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<p>7. Handling And Storage - Continued</p> <p>Storage Precautions Store in a cool dry place.</p> <p>Work/Hygienic Practices Use safe chemical handling procedures suitable for the hazards presented by this material. Avoid contact with eyes. Solutions of this material are acidic and strongly irritating. Will attack most metals.</p>
<p>Protective Clothing (Pictograms)</p> 
<p>8. Exposure Controls/Personal Protection</p> <p>Engineering Controls Local exhaust acceptable. Special exhaust not required</p> <p>Eye/Face Protection Safety glasses with side shields or goggles recommended.</p> <p>Skin Protection Chemical-resistant gloves.</p> <p>Respiratory Protection None normally required.</p>
<p>9. Physical And Chemical Properties</p> <p>Appearance Pink liquid</p> <p>Odor Slightly Acidic</p> <p>Chemical Type: Mixture Physical State: Liquid Melting Point: n/a °F Boiling Point: 220 °F Specific Gravity: 1.30 Molecular Weight: NOT DETERMINED Percent Volitales: NOT DETERMINED Vapor Pressure: NOT DETERMINED pH Factor: <1 Solubility: SOLUBLE</p>
<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Will not occur.</p> <p>Hazardous Decomposition Products At Temperatures in excess of 570F Hazardous fumes of Sulfer Dioxide and Sulfer Trioxide are evolved.</p>
<p>11. Toxicological Information</p> <p>Acute Oral Effects LD50 Rat: >5g/kg</p>

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12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

CORROSIVE LIQUIDS, N.O.S. Sodium Bisulfate, Aqueous Solution

Hazard Class

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

DOT Identification Number

UN1760

15. Regulatory Information

Ingredient(s) - State Regulations

SODIUM BISULFATE

New Jersey - Workplace Hazard

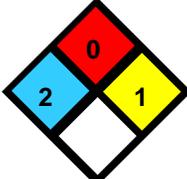
New Jersey - Special Hazard

New York City - Hazardous Substance

Canadian Regulatory Information

Class E - Corrosive Material

Class D, Div 2b- Poisonous or Infectious Material: other toxic effects

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	B
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FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: jw3

This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

Disclaimer

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Leisure Time