



**MATERIAL SAFETY DATA SHEET**

**Leisure Time Liquid Spa Down**

**1. Product And Company Identification**

<p><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</p>	<p><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</p>
<p><b>Supplier Emergency Contacts &amp; Phone Number</b>                  CHEMTREC - DAY OR NIGHT: (800) 424-9300</p>	<p><b>Manufacturer Emergency Contacts &amp; Phone Number</b>                  CHEMTREC - DAY OR NIGHT: (800) 424-9300</p>

Issue Date: 03/10/2006  
 Product Name: Leisure Time Liquid Spa Down  
 Chemical Name: Sodium bisulfate  
 CAS Number: Not Established  
 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.

**MATERIAL SAFETY DATA SHEET****Leisure Time Liquid Spa Down****3. Hazards Identification - Continued****Signs And Symptoms**

Irritation of Eyes, Skin and Respiratory Passages

**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.

**MATERIAL SAFETY DATA SHEET****Leisure Time Liquid Spa Down****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.

**Storage Precautions**

Store in a cool dry place.

**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.

**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**

Pink liquid

**Odor**

Slightly Acidic

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

# MATERIAL SAFETY DATA SHEET

## Leisure Time Liquid Spa Down

<b>10. Stability And Reactivity</b>									
Stability: Stable Hazardous Polymerization: Will not occur.									
<b>Hazardous Decomposition Products</b> At Temperatures in excess of 570F Hazardous fumes of Sulfer Dioxide and Sulfer Trioxide are evolved.									
<b>11. Toxicological Information</b>									
<b>Acute Oral Effects</b> LD50 Rat: >5g/kg									
<b>12. Ecological Information</b>									
No Data Available...									
<b>13. Disposal Considerations</b>									
Dispose in accordance with applicable federal, state and local government regulations.									
<b>14. Transport Information</b>									
<b>Proper Shipping Name</b> Bisulfate, Aqueous Solution									
<b>Hazard Class</b> 8, PGII (<1L Consumer Commodity ORM-D)									
<b>DOT Identification Number</b> UN2837									
<b>15. Regulatory Information</b>									
<b>Ingredient(s) - State Regulations</b> SODIUM BISULFATE New Jersey - Workplace Hazard New Jersey - Special Hazard New York City - Hazardous Substance									
<b>Canadian Regulatory Information</b> Class E - Corrosive Material Class D, Div 2b- Poisonous or Infectious Material: other toxic effects									
<b>NFPA</b>	<b>HMIS</b>								
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0;">HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="background-color: #ff0000;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">C</td> </tr> </table>	HEALTH	3	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	C
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FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	C								
<b>16. Other Information</b>									
<b>Revision/Preparer Information</b> MSDS Preparer: jw3 This MSDS Superceeds A Previous MSDS Dated: 07/26/2000									
<b>Disclaimer</b>									
No Data Available...									

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**Leisure Time Liquid Spa Down**

**Disclaimer - Continued**

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**Leisure Time**

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