




# MATERIAL SAFETY DATA SHEET

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## Leisure Time Liquid Spa Down

<b>1. Product And Company Identification</b>			
<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	
<b>Issue Date:</b> 08/05/2004 <b>Product Name:</b> Leisure Time Liquid Spa Down <b>Chemical Name:</b> Sodium bisulfate <b>Chemical Family:</b> pH reducer <b>Chemical Formula:</b> Proprietary Mixture <b>MSDS Number:</b> 43			
<b>2. Composition/Information On Ingredients</b>			
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).			
<b>Hazards Identification (Pictograms)</b> 			
<b>3. Hazards Identification</b>			
<b>Primary Routes(s) Of Entry</b> Skin Contact			
<b>Eye Hazards</b> Causes eye irritation.			
<b>Skin Hazards</b> Causes skin irritation.			
<b>Ingestion Hazards</b> Harmful if swallowed.			
<b>Inhalation Hazards</b> Causes respiratory tract irritation.			
<b>Signs And Symptoms</b> Irritation of Eyes, Skin and Respiratory Passages			

## Leisure Time Liquid Spa Down

### 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.

## Leisure Time Liquid Spa Down

### 7. Handling And Storage - Continued

#### 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 Volatiles:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**pH Factor:** <1

**Solubility:** SOLUBLE

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

#### Hazardous Decomposition Products

At Temperatures in excess of 570F Hazardous fumes of Sulfer Dioxide and Sulfer Trioxide are evolved.

### 11. Toxicological Information

#### Acute Oral Effects

LD50 Rat: >5g/kg

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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

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: jw3

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

#### Disclaimer

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Leisure Time