



# MATERIAL SAFETY DATA SHEET

## Leisure Time Cleanse (New 08-2005)

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	
<b>Issue Date:</b> 10/12/2005 <b>Product Name:</b> Leisure Time Cleanse (New 08-2005) <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Acid Mixture <b>Chemical Formula:</b> Proprietary <b>MSDS Number:</b> 340 <b>Product Code:</b> Proprietary			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
AMINES, TALLOW ALKYL, ETHOXYLATED	61791-26-2		
HYDROCHLORIC ACID	7647-01-0		
PHOSPHORICACID	7664-38-2		
SECONDARY ALCOHOL ETHOXYLATE	84133-50-6		
SULFURIC ACID	7664-93-9		
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).			
Hazards Identification (Pictograms)			
3. Hazards Identification			
<b>Primary Routes(s) Of Entry</b> Eye Contact, Skin Contact <b>Eye Hazards</b> Causes severe eye burns. <b>Skin Hazards</b> Causes severe skin burns.			

**MATERIAL SAFETY DATA SHEET****Leisure Time Cleanse (New 08-2005)****3. Hazards Identification - Continued****Ingestion Hazards**

Corrosive to living tissue.

**Inhalation Hazards**

May cause severe allergic respiratory reaction.

**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**

Rinse the affected area with tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**

DO NOT INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

**Inhalation**

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician or a poison control center immediately.

**Fire Fighting (Pictograms)****5. Fire Fighting Measures**

**Flash Point:** N/A °F

**Extinguishing Media**

Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions**

Water can be used to cool and protect exposed material. Firefighters should wear self-contained breathing apparatus and full protective gear.

**6. Accidental Release Measures**

Neutralize spill area with soda ash or lime. Flood with water. Use appropriate containers to avoid environmental contamination. Use appropriate personal protective equipment (PPE).

**7. Handling And Storage****Handling And Storage Precautions**

Keep out of reach of children. Do not store with alkalis.

**MATERIAL SAFETY DATA SHEET****Leisure Time Cleanse (New 08-2005)****7. Handling And Storage - Continued****Handling Precautions**

Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

**Storage Precautions**

Avoid contact with Alkalis, Amines, and Metals. Keep out of reach of children.

**Work/Hygienic Practices**

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

**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.

**Ingredient(s) - Exposure Limits**

HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

PHOSPHORIC ACID

ACGIH TLV-STEL 3 mg/m<sup>3</sup>

ACGIH TLV-TWA 1 mg/m<sup>3</sup>

OSHA PEL-TWA 1 mg/m<sup>3</sup>

SULFURIC ACID

ACGIH TLV-STEL 3 mg/m<sup>3</sup>

ACGIH TLV-TWA 1 mg/m<sup>3</sup>

OSHA PEL-TWA 1 mg/m<sup>3</sup>

**9. Physical And Chemical Properties****Appearance**

amber, viscous liquid

**Odor**

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.1-1.2

**Percent Volitales:** NOT DETERMINED

**Packing Density:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**MATERIAL SAFETY DATA SHEET****Leisure Time Cleanse (New 08-2005)****9. Physical And Chemical Properties - Continued****Odor - Continued**

Vapor Density: &gt;1

pH Factor: 0-2

Solubility: Soluble in Water

Viscosity: NOT DETERMINED

Evaporation Rate: &lt;1

**10. Stability And Reactivity**

Stability: Stable

Hazardous Polymerization: Will not occur

**Conditions To Avoid (Stability)**

Avoid contact with strong Amines, Alkalis, and Metals. Heat can cause hydrogen chloride.

**Incompatible Materials**

Alkalis, Amines and Metals

**Hazardous Decomposition Products**

Hydrogen Chloride

**11. Toxicological Information****Ingredient(s) - Carcinogenicity**

SULFURIC ACID

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

**12. Ecological Information**

No Data Available...

**13. Disposal Considerations**

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

**14. Transport Information****Proper Shipping Name**

Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric and Sulfuric Acids)

**Hazard Class**

8, PGII (&lt;1L Consumer Commodity ORM-D)

**DOT Identification Number**

UN3264

**DOT (Pictograms)****15. Regulatory Information****Ingredient(s) - U.S. Regulatory Information**

HYDROCHLORIC ACID

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SULFURIC ACID

SARA Title III - EPA Part 355 Extremely Hazardous Substance

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### 15. Regulatory Information - Continued

#### Ingredient(s) - U.S. Regulatory Information - Continued

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical  
 SARA - Acute Health Hazard  
 SARA - Chronic Health Hazard  
 SARA - Fire Hazard  
 SARA - Reactivity Hazard

#### Ingredient(s) - State Regulations

##### HYDROCHLORIC ACID

New Jersey - Workplace Hazard  
 New Jersey - Environmental Hazard  
 New Jersey - Special Hazard  
 New Jersey - TCPA Extraordinarily Hazardous Substance  
 Pennsylvania - Workplace Hazard  
 Pennsylvania - Environmental Hazard  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

##### SULFURIC ACID

New Jersey - Workplace Hazard  
 New Jersey - Environmental Hazard  
 New Jersey - Special Hazard  
 Pennsylvania - Workplace Hazard  
 Pennsylvania - Environmental Hazard  
 California - CalARP Table 3 Regulated Substance  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

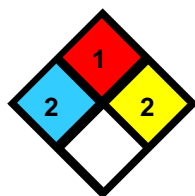
#### Canadian Regulatory Information

Class D, Div 1a - Poisonous or Infectious Material: immediate and serious toxic effects  
 Class D, Div 2a - Poisonous or Infectious Material: other toxic effects  
 Class D, Div 2b - Poisonous or Infectious Material: other toxic effects  
 Class E - Corrosive Material

#### WHMIS - Canada (Pictograms)



#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW  
 This MSDS Superceeds A Previous MSDS Dated: 05/09/2005

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**Leisure Time**

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