




# MATERIAL SAFETY DATA SHEET

## Leisure Time Filter Clean (New 10-2005)

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 Filter Clean (New 10-2005) <b>Chemical Name:</b> Sulfuric and Hydrochloric Acid <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Acid <b>Chemical Formula:</b> Proprietary Mixture <b>MSDS Number:</b> 341			
2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	CITRICACID	77-92-9	
	HYDROCHLORIC ACID	7647-01-0	
	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> Skin Contact, Eye Contact  <b>Eye Hazards</b> Causes irreversible eye damage.  <b>Skin Hazards</b> Causes skin irritation.			

**MATERIAL SAFETY DATA SHEET****Leisure Time Filter Clean (New 10-2005)****3. Hazards Identification - Continued****Ingestion Hazards**

If ingested, get immediate medical attention. Causes severe digestive tract burns.

**Inhalation Hazards**

Causes respiratory tract irritation.

**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**

Wash the affected area under tepid running water using a mild soap. Remove contaminated clothing and shoes.

**Ingestion**

DO NOT INDUCE VOMITING. Get medical attention 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. Consult a physician.

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

**Flash Point:** n/a °F

**Flammability Class:** n/a

**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**

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.

**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.

**MATERIAL SAFETY DATA SHEET****Leisure Time Filter Clean (New 10-2005)****7. Handling And Storage - Continued****Storage Precautions**

Keep out of reach of children. Store in a cool dry place. Avoid contact with Alkalis, Amines, and Metals

**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**

Faceshield over safety glasses or goggles.

**Skin Protection**

Plastic or rubber apron. Chemical-resistant gloves.

**Respiratory Protection**

None normally required.

**Ingredient(s) - Exposure Limits**

HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

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**

Pale amber liquid

**Odor**

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.08

**Percent Volatiles:** Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density:** >1

**pH Factor:** 0-2

**Solubility:** Soluble in Water

**Viscosity:** Not Determined

**Evaporation Rate:** <1

**MATERIAL SAFETY DATA SHEET****Leisure Time Filter Clean (New 10-2005)****10. Stability And Reactivity****Stability:** Stable**Hazardous Polymerization:** Will not occur**Conditions To Avoid (Stability)**

Avoid contact with strong Amines, Alkalis, and Metals

**Incompatible Materials**

Alkalis, Amines and Metals

**Hazardous Decomposition Products**

Oxides of Nitrogen, Hydrogen, Sulfur and Carbon

**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 local, state and federal regulations as well as industry standards.

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

CORROSIVE LIQUIDS N.O.S. (Hydrochloric and Sulfuric Acids)

**Hazard Class**

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

**DOT Identification Number**

UN1760

**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

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

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

SARA - Fire Hazard

SARA - Reactivity Hazard

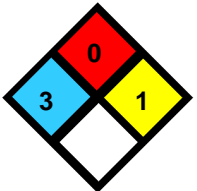
**Ingredient(s) - State Regulations**

HYDROCHLORIC ACID

# MATERIAL SAFETY DATA SHEET

## Leisure Time Filter Clean (New 10-2005)

<p><b>15. Regulatory Information - Continued</b></p> <p><b><u>Ingredient(s) - State Regulations - Continued</u></b></p> <ul style="list-style-type: none"> <li>New Jersey - Workplace Hazard</li> <li>New Jersey - Environmental Hazard</li> <li>New Jersey - Special Hazard</li> <li>New Jersey - TCPA Extraordinarily Hazardous Substance</li> <li>Pennsylvania - Workplace Hazard</li> <li>Pennsylvania - Environmental Hazard</li> <li>Massachusetts - Hazardous Substance</li> <li>New York City - Hazardous Substance</li> </ul> <p><b>SULFURIC ACID</b></p> <ul style="list-style-type: none"> <li>New Jersey - Workplace Hazard</li> <li>New Jersey - Environmental Hazard</li> <li>New Jersey - Special Hazard</li> <li>Pennsylvania - Workplace Hazard</li> <li>Pennsylvania - Environmental Hazard</li> <li>California - CalARP Table 3 Regulated Substance</li> <li>Massachusetts - Hazardous Substance</li> <li>New York City - Hazardous Substance</li> </ul> <p><b><u>Canadian Regulatory Information</u></b></p> <ul style="list-style-type: none"> <li>Class D, Div 1A - Poisonous or Infectious Material: immediate and serious toxic effects</li> <li>Class D, Div 2A,B - Poisonous or Infectious Material: other toxic effects</li> <li>Class E - Corrosive Material</li> </ul>
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<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;">D</td> </tr> </table>	HEALTH	3	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	D
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<p><b>16. Other Information</b></p> <p><b><u>Revision/Preparer Information</u></b></p> <p>MSDS Preparer: JHW3</p> <p>This MSDS Superceeds A Previous MSDS Dated: 05/09/2005</p>
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