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

Supplemental Emergency Contacts & Phone Number
CHEMTREC - DAY OR NIGHT: (800) 424-9300

Issue Date: 10/12/2005
Product Name: Leisure Time Cleanse (New 08-2005)
CAS Number: Not Established
Chemical Family: Acid Mixture
Chemical Formula: Proprietary
MSDS Number: 340
Product Code: Proprietary

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMINES, TALLOW ALKYL, ETHOXYLATED</td>
<td>61791-26-2</td>
<td></td>
</tr>
<tr>
<td>HYDROCHLORIC ACID</td>
<td>7647-01-0</td>
<td></td>
</tr>
<tr>
<td>PHOSPHORIC ACID</td>
<td>7664-38-2</td>
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<tr>
<td>SECONDARY ALCOHOL ETHOXYLATE</td>
<td>84133-50-6</td>
<td></td>
</tr>
<tr>
<td>SULFURIC ACID</td>
<td>7664-93-9</td>
<td></td>
</tr>
</tbody>
</table>

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).

3. Hazards Identification

Primary Routes(s) Of Entry
Eye Contact, Skin Contact

Eye Hazards
Causes severe eye burns.

Skin Hazards
Causes severe skin burns.
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

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.

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.
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/m3
ACGIH TLV-TWA 1 mg/m3
OSHA PEL-TWA 1 mg/m3
SULFURIC ACID
ACGIH TLV-STEL 3 mg/m3
ACGIH TLV-TWA 1 mg/m3
OSHA PEL-TWA 1 mg/m3

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
9. Physical And Chemical Properties - Continued

Odor - Continued
Vapor Density: >1
pH Factor: 0-2
Solubility: Soluble in Water
Viscosity: NOT DETERMINED
Evaporation Rate: <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) - Carginogenicity
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 (<1L Consumer Commodity ORM-D)

DOT Identification Number
UN3264

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
15. Regulatory Information - Continued

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

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Category</th>
<th>Location</th>
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<tbody>
<tr>
<td>SARA Title III - Section 313 Form &quot;R&quot;/TRI Reportable Chemical</td>
<td>-</td>
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<tr>
<td>SARA - Acute Health Hazard</td>
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</tr>
<tr>
<td>SARA - Chronic Health Hazard</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SARA - Fire Hazard</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SARA - Reactivity Hazard</td>
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<td>-</td>
</tr>
</tbody>
</table>

**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)**

- [Image of pictograms]

**NFPA**

- 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
Disclaimer

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Leisure Time