1. Product And Company Identification

**Supplier**
GLB
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

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

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

Issue Date: 05/14/2001

Product Name: GLB Filter Cleanse
CAS Number: Not Established
Chemical Family: Acid
Chemical Formula: Proprietary Mixture
MSDS Number: 116

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>CITRIC ACID</td>
<td>77-92-9</td>
<td></td>
</tr>
<tr>
<td>SODIUM BISULFATE</td>
<td>7681-38-1</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).

**EMERGENCY OVERVIEW**

Corrosive to eyes skin and respiratory tract.

3. Hazards Identification

**Hazard Identification (Pictograms)**

**Primary Routes(s) Of Entry**
- Skin Contact

**Eye Hazards**
- Causes eye damage.

**Skin Hazards**
- May cause skin irritation.
### 3. Hazards Identification - Continued

<table>
<thead>
<tr>
<th><strong>Ingestion Hazards</strong></th>
<th>Harmful if swallowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation Hazards</strong></td>
<td>Causes respiratory tract irritation.</td>
</tr>
<tr>
<td><strong>Signs And Symptoms</strong></td>
<td>Irritation of Eyes, Skin and Respiratory Passages</td>
</tr>
</tbody>
</table>

### 4. First Aid Measures

<table>
<thead>
<tr>
<th><strong>Eye</strong></th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skin</strong></td>
<td>In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>If breathing is difficult, give oxygen. If inhaled, remove to fresh air.</td>
</tr>
</tbody>
</table>

### 5. Fire Fighting Measures

<table>
<thead>
<tr>
<th><strong>Flash Point:</strong></th>
<th>N/A °F</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Fire And Explosion Hazards</strong></th>
<th>At temperatures in excess of 570 F, hazardous fumes of sulfur dioxide and sulfur trioxide are evolved. Use forced draft ventilation or gas mask.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extinguishing Media</strong></td>
<td>Use the appropriate extinguishing media for the surrounding fire.</td>
</tr>
<tr>
<td><strong>Fire Fighting Instructions</strong></td>
<td>Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.</td>
</tr>
</tbody>
</table>

### 6. Accidental Release Measures

Clean up spill immediately. 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. 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.

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
Red to Purple Granular

Odor
Slightly Acidic

Chemical Type: Mixture
Physical State: Solid
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: <30%
10. Stability And Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur.

Incompatible Materials
Oxidizers, Cyanides, Sulfides, Strong Alkaline or caustic material.

Hazardous Decomposition Products
At Temperatures in excess of 570F Hazardous fumes of Sulfur Dioxide and Sulfur Trioxide are evolved.

11. Toxicological Information
No Data Available...

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
NOT REGULATED

Hazard Class
NOT REGULATED

DOT Identification Number
NOT ASSIGNED

15. Regulatory Information

Ingredient(s) - State Regulations
SODIUM BISULFATE
   New Jersey - Workplace Hazard
   New Jersey - Special Hazard
   New York City - Hazardous Substance

16. Other Information

Revision/Preparer Information
MSDS Preparer: jw3
This MSDS Superceeds A Previous MSDS Dated: 11/03/2000

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## Disclaimer - Continued

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GLB

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