## 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

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**Issue Date:** 05/01/2002

**Product Name:** GLB X-Change  
**Chemical Name:** Bromide Salt Solution  
**CAS Number:** Not Established  
**Chemical Family:** Bromide  
**Chemical Formula:** Proprietary Mixture  
**MSDS Number:** 44

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## 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>SODIUMBROMIDE</td>
<td>7647-15-6</td>
<td></td>
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</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).

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## 3. Hazards Identification

### Primary Routes(s) Of Entry

- **Skin Contact**

### Eye Hazards

- Causes eye irritation.

### Skin Hazards

- May cause skin irritation.

### Ingestion Hazards

- Not expected to be acutely toxic.

### Inhalation Hazards

- Causes respiratory tract irritation.

### Signs And Symptoms

- Irritation of Eyes 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. Get medical attention immediately.

**Skin**
In case of contact, immediately flush skin with soap and plenty of water.

**Ingestion**
Induce Vomiting. Drink large amounts of water. Contact a physician or poison control.

**Inhalation**
If inhaled, remove to fresh air.

### 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**
Firefighters should wear self-contained breathing apparatus and full protective gear.

### Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

### Handling And Storage

**Handling And Storage Precautions**
Keep out of reach of children. Store material in a cool and dry place.

**Storage Precautions**
Do not Reuse container

**Work/Hygienic Practices**
Use safe chemical handling procedures suitable for the hazards presented by this material.

### Protective Clothing (Pictograms)

#### 8. Exposure Controls/Personal Protection

No Data Available...
8. Exposure Controls/Personal Protection - Continued

**Engineering Controls**
- Local exhaust acceptable. Special exhaust not required

**Eye/Face Protection**
- Safety glasses with side shields or goggles.

**Skin Protection**
- Chemical-resistant gloves.

**Respiratory Protection**
- General room ventilation is normally adequate.

9. Physical And Chemical Properties

**Appearance**
- Clear liquid

**Odor**
- None

- Chemical Type: Mixture
- Physical State: Liquid
- Melting Point: n/a °F
- Boiling Point: 212 °F
- Specific Gravity: 1.300-1.385
- Molecular Weight: NOT DETERMINED
- Percent Volitales: NOT DETERMINED
- Vapor Pressure: NOT DETERMINED
- pH Factor: 7.5
- Solubility: SOLUBLE IN WATER
- Evaporation Rate: > Water

10. Stability And Reactivity

**Stability**
- STABLE
- Hazardous Polymerization: WILL NOT OCCUR

**Incompatible Materials**
- Acids and Oxidizers

**Hazardous Decomposition Products**
- Bromine gas

11. Toxicological Information

**Acute Studies**
- No Data on Mixture.

12. Ecological Information

**Ecotoxicological Information**
- No Data on Mixture

13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

14. Transport Information

- No Data Available...
14. Transport Information - Continued

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
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</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>DOT Identification Number</td>
<td>NONE</td>
</tr>
</tbody>
</table>

15. Regulatory Information

**Canadian Regulatory Information**
Class D, Div 2b - Poisonous or Infectious Material: other toxic effects,

**WHMIS - Canada (Pictograms)**

![Pictograms]

**NFPA**
- HEALTH: 1
- FLAMMABILITY: 0
- REACTIVITY: 1
- PERSONAL PROTECTION: B

16. Other Information

**Revision/Preparer Information**
MSDS Preparer: JHW3
This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

**Disclaimer**
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GLB