1. Product And Company Identification

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLB</td>
<td>Advantis Technologies, Inc.</td>
</tr>
<tr>
<td>1400 Bluegrass Lakes Parkway</td>
<td>1400 Bluegrass Lakes Parkway</td>
</tr>
<tr>
<td>Alpharetta, GA 30004 United States</td>
<td>Alpharetta, GA 30004 United States</td>
</tr>
<tr>
<td>Telephone Number: (770)521-5999</td>
<td>Telephone Number: (770)521-5999</td>
</tr>
<tr>
<td>FAX Number: (770)521-5959</td>
<td>FAX Number: (770)521-5959</td>
</tr>
<tr>
<td>Web Site: <a href="http://www.poolspacare.com">www.poolspacare.com</a></td>
<td>Web Site: <a href="http://www.poolspacare.com">www.poolspacare.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supplier Emergency Contacts &amp; Phone Number</th>
<th>Manufacturer Emergency Contacts &amp; Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMTREC - DAY OR NIGHT: (800) 424-9300</td>
<td>CHEMTREC - DAY OR NIGHT: (800) 424-9300</td>
</tr>
</tbody>
</table>

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>SODIUM CHLORIDE</td>
<td>7647-14-5</td>
<td></td>
</tr>
<tr>
<td>SODIUM CITRATE</td>
<td>68-04-2</td>
<td></td>
</tr>
<tr>
<td>SODIUM HEXAMETAPHOSPHATE</td>
<td>68915-31-1</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).

3. Hazards Identification

**Primary Routes(s) Of Entry**
- Ingestion, Eye Contact, Skin Contact

**Eye Hazards**
- May cause eye irritation.

**Skin Hazards**
- May cause skin irritation.

**Ingestion Hazards**
- Ingestion of this product may cause irritation of the gastrointestinal tract, nausea, vomiting, and diarrhea.

**Inhalation Hazards**
- May be harmful if inhaled.
### First Aid Measures

**Eye**
Remove the victim from the source of contamination or exposure to nearest eyewash or other source of clean water. Flush eyes with large amounts of water.

**Skin**
Rinse the affected area with tepid water for at least 15 minutes.

**Ingestion**
Drink plenty of water. Get medical attention immediately.

**Inhalation**
If inhaled, remove to fresh air. Consult a physician.

**Note To Physician**
Large doses may cause nausea, vomiting and diarrhea. Systematic oral toxicity is extremely rare and has consisted of acidosis and hypocalcemic tetany.

### Fire Fighting Measures

**Flash Point:** n/a °F

**Fire And Explosion Hazards**
May produce Toxic fumes of Na2O, POx

**Extinguishing Media**
Use the appropriate extinguishing media for the surrounding fire.

### Accidental Release Measures

Material should be swept up for disposal. Flush spill area with water.

### Handling And Storage

**Handling And Storage Precautions**
Keep out of reach of children.

**Handling Precautions**
Avoid contact with eyes. Do not get on skin.

**Storage Precautions**
Store in a cool dry place.

**Work/Hygienic Practices**
Use safe chemical handling procedures suitable for the hazards presented by this material.
## Protective Clothing (Pictograms)

- ![Gloves](gloves.png)
- ![Eye Protection](eye_protection.png)

### 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**
- Lab coat or other work clothing. Launder before reuse. Chemical-resistant gloves.

**Respiratory Protection**
- None normally required.

### 9. Physical And Chemical Properties

**Appearance**
- Granular

**Odor**
- None

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** n/a °F

**Boiling Point:** >1500 °C

**Specific Gravity:** 1.225 g/ml

**Percent Volatiles:** Not established

**Vapor Pressure:** Not established

**Solubility:** soluble

**Evaporation Rate:** Not established

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatible Materials**
- None known

**Hazardous Decomposition Products**
- Toxic fumes of Na2O, POx

### 11. Toxicological Information

**Acute Oral Effects**
- LD50 mg/kg (rat)
  - Carboxylic Salt: 1546 mg/kg
  - Polymeric Metaphosphate: 2900 mg/kg

### 12. Ecological Information

- No Data Available...
13. Disposal Considerations

May be generally flushed into sanitary sewer. Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

14. Transport Information

Proper Shipping Name
NOT REGULATED

Hazard Class
NOT REGULATED

DOT Identification Number
NONE

DOT Shipping Label
NOT ASSIGNED

15. Regulatory Information

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

WHMIS - Canada (Pictograms)

16. Other Information

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

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

GLB