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

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

**Issue Date:** 02/09/2006

**Product Name:** Rendezvous Spa Cleaner
**Chemical Name:** Citrus Cleaner
**CAS Number:** Not Established
**MSDS Number:** 282

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>D-LIMONENE</td>
<td>5989-27-5</td>
<td></td>
</tr>
<tr>
<td>DIETHANOLAMINE</td>
<td>111-42-2</td>
<td></td>
</tr>
<tr>
<td>DIETHYLENEGLYCOLMONOBUTYLEther</td>
<td>112-34-5</td>
<td></td>
</tr>
<tr>
<td>TETRASODIUMETHYLENEDIAMINETETRAACETICACID</td>
<td>64-02-8</td>
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</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**
Product is harmful if swallowed. Can cause irritation to the eyes, skin, and respiratory system.

3. Hazards Identification

**Eye Hazards**
Product can cause irritation to the eyes.

**Skin Hazards**
Skin contact may cause irritation or redness. Contains a potential skin sensitizer. Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin.

**Ingestion Hazards**
Ingestion may cause vomiting, headache, and other medical problems.

**Inhalation Hazards**
Inhalation can cause nose, throat, and respiratory tract irritation, coughing, and headache.
4. First Aid Measures

**Eye**
Flush with water for at least 15 minutes. Seek medical attention.

**Skin**
Wash affected area with copious amounts of soap and water. If irritation persists, seek medical attention.

**Ingestion**
Seek medical attention immediately. Do not induce vomiting.

**Inhalation**
If symptoms are noticed, move to fresh air. If symptoms persist, seek medical attention.

5. Fire Fighting Measures

- **Flash Point:** 123 °F 50 °C
- **Flammability Class:** Combustible
- **Lower Explosive Limit:** Not Determined
- **Upper Explosive Limit:** Not Determined

**Fire And Explosion Hazards**

**Extinguishing Media**
Carbon Dioxide, foam, or dry chemical.

**Fire Fighting Instructions**
SCBA recommended. Smother to exclude air. Do not use water. Handle as an oil fire.

6. Accidental Release Measures
Use personal protective equipment. Small spills can be wiped up. For larger spills, absorb spill with vermiculite, sand, or other suitable material and collect for disposal. Do not hose spills down drains, sewers, or waterways. Move leaking containers to well ventilated area. Keep away from ignition sources and open flames.

7. Handling And Storage

**Handling Precautions**
Wear personal protective equipment. Avoid contact with skin, eyes, and clothes. Wash hands thoroughly after handling.

**Storage Precautions**
Keep container closed. Store away from heat sources and open flames.
### Protective Clothing (Pictograms)

<table>
<thead>
<tr>
<th>Protective Clothing</th>
<th>Icon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloves</td>
<td></td>
</tr>
<tr>
<td>Goggles</td>
<td></td>
</tr>
</tbody>
</table>

### 8. Exposure Controls/Personal Protection

**Engineering Controls**
- Use in well-ventilated areas.

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

**Skin Protection**
- Wear chemical impervious gloves.

### 9. Physical And Chemical Properties

**Appearance**
- Orange Liquid

**Odor**
- Citrus

**Chemical Type:** Mixture  
**Physical State:** Liquid  
**Specific Gravity:** 0.984  
**pH Factor:** 9.7-9.9

### 10. Stability And Reactivity

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**
- Avoid temperatures over 123F.

**Incompatible Materials**
- Avoid contact with strong oxidizing agents and acidic agents including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

**Hazardous Decomposition Products**
- Smoke may be acrid and fume irritating. Burning generates CO, CO₂, and smoke.

**Conditions To Avoid (Polymerization)**
- Polymerization catalysts such as aluminum chloride and acidic clays.

### 11. Toxicological Information

No toxicological data exists for this product.

### 12. Ecological Information

**Ecotoxicological Information**
- No ecotoxicological data exists for this product.

### 13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.
14. Transport Information

Proper Shipping Name
Flammable Liquids, N.O.S. (D-Limonene)

Hazard Class
3, PGIII (<5L Consumer Commodity ORM-D)

DOT Identification Number
UN1993

Additional Shipping Paper Description
This material may be reclassified as a combustible liquid and is not regulated, via ground transportation, in containers less than 119 gallons [see 49 CFR 173.150(f)].

15. Regulatory Information

U.S. Regulatory Information
All components of this product are listed on the TSCA inventory.

16. Other Information

Revision/Preparer Information
MSDS Preparer: JHW

Disclaimer
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GLB