



# MATERIAL SAFETY DATA SHEET

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## GLB Filter Rinse

1. Product And Company Identification			
<b>Supplier</b> 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		<b>Manufacturer</b> Advantis Technologies 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911	
Issue Date: 07/15/2009  Product Name: GLB Filter Rinse Chemical Name: Proprietary Mixture Chemical Family: Filter Cleaner Chemical Formula: Proprietary Mixture MSDS Number: 38			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
1, HYDROXYETHYLIDINE 1,1 DIPHOSPHONIC ACID		2809-21-4	
2-BUTOXYETHANOL		111-76-2	
CITRIC ACID		77-92-9	
Poly(oxy-1,2-ethanediyl)alpha-(nonlyphenyl-omega-hydroxy-		9016-45-9	
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			
Danger. Corrosive. Keep out of reach of children.			
3. Hazards Identification			
<b>Eye Hazards</b> Corrosive to eyes. May cause permanent eye damage.			
<b>Skin Hazards</b> Causes skin irritation.			
<b>Ingestion Hazards</b> If ingested, get immediate medical attention			
<b>Inhalation Hazards</b> May be fatal if inhaled.			

## GLB Filter Rinse

### 3. Hazards Identification - Continued

#### Inhalation Hazards - Continued

#### Signs And Symptoms

Irritation of Eyes and Respiratory Passages

#### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

#### Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

#### Note To Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

#### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** n/a °F

#### Fire And Explosion Hazards

Fumes released under fire conditions are toxic.

#### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

#### Fire Fighting Instructions

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

### 6. 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.

## GLB Filter Rinse

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

#### Storage Precautions

Keep this product in its original, tightly closed container when not in use.

#### 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.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

General room ventilation is normally adequate.

#### Ingredient(s) - Exposure Limits

2-BUTOXYETHANOL

ACGIH TLV-TWA 20 ppm (Skin)

OSHA PEL-TWA 50 ppm (Skin)

### 9. Physical And Chemical Properties

#### Appearance

Dark blue liquid

#### Odor

Detergent

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 215 °F

**Specific Gravity:** 1.138

**Molecular Weight:** NOT DETERMINED

**Percent Volitales:** NOT DETERMINED


**Vapor Pressure:** 17

**Vapor Density:** 0.6

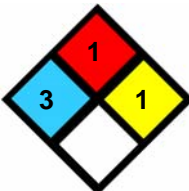
**pH Factor:** 1-3

**Solubility:** SOLUBLE IN WATER

## GLB Filter Rinse

<p><b>9. Physical And Chemical Properties - Continued</b></p> <p><b>Odor - Continued</b>  <b>Evaporation Rate:</b> &lt;1                  Corrosive</p>
<p><b>10. Stability And Reactivity</b></p> <p><b>Stability:</b> STABLE  <b>Hazardous Polymerization:</b> WILL NOT OCCUR</p> <p><b>Conditions To Avoid (Stability)</b>                  Avoid contact with strong alkalis</p> <p><b>Incompatible Materials</b>                  Alkalis</p> <p><b>Hazardous Decomposition Products</b>                  Oxides of carbon, nitrogen, aldehydes, ketones</p>
<p><b>11. Toxicological Information</b></p> <p><b>Acute Studies</b>                  Concentrated product may be corrosive to skin and mucous membranes.</p>
<p><b>12. Ecological Information</b></p> <p>No Data Available...</p>
<p><b>13. Disposal Considerations</b></p> <p>Use entire contents, then triple rinse and offer for recycling, or dispose in accordance with local, state, and federal regulations.</p>
<p><b>14. Transport Information</b></p> <p><b>Proper Shipping Name</b>                  CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (1, HYDROXYETHYLIDINE 1,1 DIPHOSPHONIC ACID)</p> <p><b>Hazard Class</b>                  8, PGIII (&lt;=4L Consumer Commodity ORM-D)</p> <p><b>DOT Identification Number</b>                  UN3265</p> <p><b>Additional Shipping Paper Description</b>                  North American Emergency Response Guide No. 153                  Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR173.154(d)]</p> <p><b>DOT (Pictograms)</b></p> 
<p><b>15. Regulatory Information</b></p> <p><b>Ingredient(s) - U.S. Regulatory Information</b>                  2-BUTOXYETHANOL                  SARA Title III - Section 313 Form "R"/TRI Reportable Chemical                  SARA - Acute Health Hazard                  SARA - Chronic Health Hazard</p>

## GLB Filter Rinse

<b>15. Regulatory Information - Continued</b>									
<b><u>Ingredient(s) - U.S. Regulatory Information - Continued</u></b> SARA - Fire Hazard									
<b><u>Ingredient(s) - State Regulations</u></b> 2-BUTOXYETHANOL New Jersey - Workplace Hazard New Jersey - Environmental Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance									
<b>NFPA</b> 	<b>HMIS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: white;">HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #cccccc;">PERSONAL PROTECTION</td> <td style="text-align: center;">D</td> </tr> </table>	HEALTH	3	FLAMMABILITY	1	REACTIVITY	1	PERSONAL PROTECTION	D
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<b>16. Other Information</b>									
<b><u>Revision/Preparer Information</u></b> MSDS Preparer: JHW This MSDS Superceeds A Previous MSDS Dated: 07/24/2000									
<b>Disclaimer</b>									
<p>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).</p> <p><b>GLB</b></p>									