



MATERIAL SAFETY DATA SHEET

GLB Filter Cleanse

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	
<p>Issue Date: 05/05/2004</p> <p>Product Name: GLB Filter Cleanse</p> <p>Chemical Name: Acid surfactant cleaner</p> <p>Chemical Family: Acid</p> <p>Chemical Formula: Proprietary Mixture</p> <p>MSDS Number: 116</p>			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
CITRICACID		77-92-9	
SODIUMBISULFATE		7681-38-1	
<p>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).</p>			
EMERGENCY OVERVIEW			
Corrosive to eyes skin and respiratory tract.			
Hazards Identification (Pictograms)			
3. Hazards Identification			
Primary Routes(s) Of Entry Skin Contact			
Eye Hazards Causes eye damage.			
Skin Hazards May cause skin irritation.			
Ingestion Hazards Harmful if swallowed.			

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3. Hazards Identification - Continued

Inhalation Hazards

Causes respiratory tract irritation.

Signs And Symptoms

Irritation of Eyes, Skin 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. Call a physician or a poison control center immediately.

Skin

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

Ingestion

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.

Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Fire And Explosion Hazards

At temperatures in excess of 570 F, hazardous fumes of sulfur dioxide and sulfur trioxide are evolved. Use forced draft ventilation or gas mask.

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. Water can be used to cool and protect exposed material.

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.

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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. 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.

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 recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

9. Physical And Chemical Properties

Appearance

Purple to Red 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 At a Concentration Of 1% solution in water

Solubility: <30%

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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 Sulfer 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

NONE

15. Regulatory Information

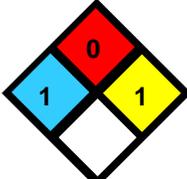
Ingredient(s) - State Regulations

SODIUM BISULFATE

New Jersey - Workplace Hazard

New Jersey - Special Hazard

New York City - Hazardous Substance

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	F
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	F								

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 11/03/2000

Disclaimer

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Disclaimer - Continued
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