



# MATERIAL SAFETY DATA SHEET

## GLB Filter Fresh

<b>1. Product And Company Identification</b>	
<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 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
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300
Issue Date: 04/01/2005 Product Name: GLB Filter Fresh Chemical Name: Sulfuric and Hydrochloric Acid CAS Number: Not Established Chemical Family: Acid Chemical Formula: Proprietary Mixture MSDS Number: 13	

<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent Of Total Weight
CITRICACID	77-92-9		
HYDROCHLORIC ACID	7647-01-0		
SULFURIC ACID	7664-93-9		
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).			

<b>Hazards Identification (Pictograms)</b> 
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<b>3. Hazards Identification</b> <b>Primary Routes(s) Of Entry</b> Skin Contact, Eye Contact <b>Eye Hazards</b> Causes irreversible eye damage. <b>Skin Hazards</b> Causes skin irritation. <b>Ingestion Hazards</b> If ingested, get immediate medical attention. Causes severe digestive tract burns.
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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

Wash the affected area under tepid running water using a mild soap. Remove contaminated clothing and shoes.

#### Ingestion

DO NOT INDUCE VOMITING. Get medical attention 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. Consult a physician.

#### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: n/a °F

Flammability Class: n/a

#### 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.

### 6. Accidental Release Measures

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

### 7. Handling And Storage

#### Handling And Storage Precautions

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

#### Handling Precautions

Do not get in eyes.

#### Storage Precautions

Keep out of reach of children. Store in a cool dry place. Avoid contact with Alkalis, Amines, and Metals

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### 7. Handling And Storage - Continued

#### 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

Faceshield over safety glasses or goggles.

#### Skin Protection

Plastic or rubber apron. Chemical-resistant gloves.

#### Respiratory Protection

None normally required.

#### Ingredient(s) - Exposure Limits

HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

SULFURIC ACID

ACGIH TLV-STEL 3 mg/m<sup>3</sup>

ACGIH TLV-TWA 1 mg/m<sup>3</sup>

OSHA PEL-TWA 1 mg/m<sup>3</sup>

### 9. Physical And Chemical Properties

#### Appearance

Pale amber liquid

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.08

**Percent Volitales:** Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density:** >1

**pH Factor:** 0-2

**Solubility:** Soluble in Water

**Viscosity:** Not Determined

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

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### 10. Stability And Reactivity - Continued

#### Conditions To Avoid (Stability)

Avoid contact with strong Amines, Alkalis, and Metals

#### Incompatible Materials

Alkalis, Amines and Metals

#### Hazardous Decomposition Products

Oxides of Nitrogen, Hydrogen, Sulfur and Carbon

### 11. Toxicological Information

#### Ingredient(s) - Carcinogenicity

SULFURIC ACID

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

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

### 14. Transport Information

#### Proper Shipping Name

CORROSIVE LIQUIDS N.O.S. (Hydrochloric and Sulfuric Acids)

#### Hazard Class

8, PGII (<=1L Consumer Commodity ORM-D)

#### DOT Identification Number

UN1760

#### DOT (Pictograms)



### 15. Regulatory Information

#### Ingredient(s) - U.S. Regulatory Information

HYDROCHLORIC ACID

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SULFURIC ACID

SARA Title III - EPA Part 355 Extremely Hazardous Substance

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

SARA - Fire Hazard

SARA - Reactivity Hazard

#### Ingredient(s) - State Regulations

HYDROCHLORIC ACID

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

New Jersey - Special Hazard

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

New Jersey - TCPA Extraordinarily Hazardous Substance  
Pennsylvania - Workplace Hazard  
Pennsylvania - Environmental Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance

#### SULFURIC ACID

New Jersey - Workplace Hazard  
New Jersey - Environmental Hazard  
New Jersey - Special Hazard  
Pennsylvania - Workplace Hazard  
Pennsylvania - Environmental Hazard  
California - CalARP Table 3 Regulated Substance  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance

#### Canadian Regulatory Information

Class D, Div 1A - Poisonous or Infectious Material: immediate and serious toxic effects  
Class D, Div 2A,B - Poisonous or Infectious Material: other toxic effects  
Class E - Corrosive Material

#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	D

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

#### Disclaimer

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GLB

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