



# MATERIAL SAFETY DATA SHEET

## GLB Filter Fresh

### 1. Product And Company Identification

<b>Supplier</b> <b>GLB</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770)521-5999 <b>FAX Number:</b> (770)521-5959 <b>Web Site:</b> www.poolspacare.com	<b>Manufacturer</b> <b>Advantis Technologies Inc.</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>

**Issue Date:** 04/18/2001  
**Product Name:** GLB Filter Fresh  
**CAS Number:** Not Established  
**Chemical Family:** Acid  
**Chemical Formula:** Proprietary Mixture  
**MSDS Number:** 13

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
CITRIC ACID	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).

### Hazards Identification (Pictograms)



### 3. Hazards Identification

#### Primary Routes(s) Of Entry

Skin Contact, Eye Contact

#### Eye Hazards

Causes irreversible eye damage.

#### Skin Hazards

Causes skin irritation.

#### Ingestion Hazards

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.

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### 7. Handling And Storage - Continued

#### Storage Precautions

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

#### 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

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### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**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, PGIII (<= 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

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations

##### HYDROCHLORIC ACID

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

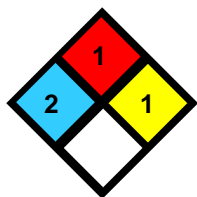
##### SULFURIC ACID

- 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	C

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

#### Disclaimer

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GLB