



# MATERIAL SAFETY DATA SHEET

## Robarb EZ Filter Cartridge Cleaner

<b>1. Product And Company Identification</b>	
<u>Supplier</u> <b>Robarb</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	<u>Manufacturer</u> <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
<u>Supplier Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
<b>Issue Date:</b> 04/17/2001  <b>Product Name:</b> Robarb EZ Filter Cartridge Cleaner <b>CAS Number:</b> Not Established <b>Chemical Family:</b> surfactant <b>Chemical Formula:</b> Proprietary Mixture <b>MSDS Number:</b> 77	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	SODIUM HYDROXIDE	1310-73-2	
	Tetrasodium Salt of Ethylenediamine Tetraacetic Acid	64-02-8	
	Trisodium Salt of Nitrilotriacetic Acid	5064-31-3	
<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> <p>**See exception for material corrosive to aluminum 49CFR 173.154(d) Not regulated for ground shipment</p>			

<b>3. Hazards Identification</b>
<u>Primary Routes(s) Of Entry</u> Skin Contact  <u>Eye Hazards</u> Causes irreversible eye damage.  <u>Skin Hazards</u> Product will cause severe skin irritation. Wash contaminated area with flowing water. Remove contaminated clothing and wash before reuse.  <u>Ingestion Hazards</u> Harmful if ingested. If ingested, do not induce vomiting. Give victim large quantities of water or milk, if available. Transport to medical facility.

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### 3. Hazards Identification - Continued

#### Epidemiology

No data available

#### Signs And Symptoms

Irritant to eyes and skin

#### 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.

#### Skin

Wash contaminated area with flowing water. Remove contaminated clothing and wash before reuse.

#### Ingestion

DO NOT INDUCE VOMITING. Give victim large quantities of water or milk, if available. Transport to medical facility.

#### Inhalation

If inhaled, remove to fresh air. Consult a physician.

#### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** n/a °F

#### Fire And Explosion Hazards

May react with some metals to form flammable hydrogen gas.

#### 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. Avoid release to the environment.

### 7. Handling And Storage

#### Handling And Storage Precautions

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

#### Handling Precautions

Wash thoroughly after handling.

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### 7. Handling And Storage - Continued

#### Storage Precautions

Keep away from heat.

#### 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 recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

None normally required.

#### Ingredient(s) - Exposure Limits

Tetrasodium Salt of Ethylenediamine Tetraacetic Acid  
PEL-NOT ESTABLISHED  
TLV-NOT ESTABLISHED

### 9. Physical And Chemical Properties

#### Appearance

Clear pale liquid.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212 °F

**Specific Gravity:** 1.2

**Percent Volitales:** >70%

**Packing Density:** Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density:** Not Determined

**pH Factor:** 9-10

**Solubility:** Miscible in water

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions To Avoid (Stability)

High temperatures.

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### 10. Stability And Reactivity - Continued

#### Incompatible Materials

Avoid contact with strong acids, oxidizers, aluminum and zinc.

#### Hazardous Decomposition Products

May liberate Carbon dioxide, Carbon monoxide, ammonia, or other oxides of nitrogen.

### 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. Incineration recommended.

### 14. Transport Information

#### Proper Shipping Name

\*\*CORROSIVE LIQUID, BASIC,ORGANIC, N.O.S. (tetrasodiummethylenediaminetetraacetic acid, sodium hydroxide)

\*\*see exception for material corrosive to aluminum 49 CFR 173.154(d) Not regulated for ground shipments

#### Hazard Class

\*\*8,PGIII (<4L Consumer Commodity ORM-D)

#### DOT Identification Number

UN3267

### 15. Regulatory Information

No Data Available...

#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	C

### 16. Other Information

#### Revision/Preparer Information

This MSDS Superceeds A Previous MSDS Dated: 09/13/2000

#### Disclaimer

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Robarb