



MATERIAL SAFETY DATA SHEET

Robarb EZ Filter Cleaner

1. Product And Company Identification			
Supplier Robarb 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	
Issue Date: 02/13/2006 Product Name: Robarb EZ Filter Cleaner Chemical Name: Chelate in alkaline surfactant solution CAS Number: Not Established Chemical Family: surfactant Chemical Formula: Proprietary Mixture MSDS Number: 77			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
SODIUMHYDROXIDE	1310-73-2		
Tetrasodium Salt of Ethylenediamine Tetraacetic Acid	64-02-8		
Trisodium Salt of Nitrilotriacetic Acid	5064-31-3		
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).			
3. Hazards Identification			
Primary Routes(s) Of Entry Skin Contact			
Eye Hazards May cause redness or eye irritation.			
Skin Hazards Not expected to cause skin irritation. May be harmful if absorbed through the skin.			
Ingestion Hazards May cause nausea, diarrhea, and abdominal cramps. Low acute oral toxicity.			
Inhalation Hazards My be harmful if inhaled. Can cause drowsiness, dizziness, headache, respiratory tract irritation.			

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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. Get medical attention if eye irritation occurs.

Skin

Wash contaminated area with soap and water. Remove contaminated clothing and wash before reuse. If irritation develops, seek medical attention.

Ingestion

DO NOT INDUCE VOMITING. Give victim large quantities of water. Never give anything by mouth to an unconscious victim. Seek medical attention.

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.

Storage Precautions

Keep away from heat.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

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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

Specific Gravity: 1.2

Packing Density: Not Determined

Vapor Pressure: Not Determined

Vapor Density: Not Determined

pH Factor: 12-13

Solubility: Miscible in water

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

High temperatures.

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...

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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. (Ethylenediaminetetraacetic acid, Tetrasodium salt solution)

Hazard Class

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

DOT Identification Number

UN3267

Additional Shipping Paper Description

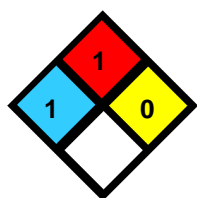
North American Emergency Response Guide No. 153

Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR173.154(d)].

15. Regulatory Information

No Data Available...

NFPA



HMIS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

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

Disclaimer

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Robarb