



# MATERIAL SAFETY DATA SHEET

## Robarb Back Wash

| 1. Product And Company Identification  |            |   |                         |
|--|------------|---|-------------------------|
| <b>Supplier</b><br>Robarb<br>1400 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 United States<br>Telephone Number: (770)521-5999<br>FAX Number: (770)521-5959<br>Web Site: www.poolspacare.com   |            | <b>Manufacturer</b><br>Advantis Technologies, Inc.<br>1400 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 United States<br>Telephone Number: (770) 521-5999<br>FAX Number: (770) 521-5959<br>Web Site: www.poolspacare.com |                         |
| <b>Supplier Emergency Contacts &amp; Phone Number</b><br>CHEMTREC - DAY OR NIGHT: (800) 424-9300   |            | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br>CHEMTREC - DAY OR NIGHT: (800) 424-9300  |                         |
| Issue Date: 02/10/2006<br>Product Name: Robarb Back Wash<br>Chemical Name: Proprietary Mixture<br>CAS Number: Not Established<br>Chemical Family: Filter Cleaner<br>Chemical Formula: Proprietary Mixture<br>MSDS Number: 38   |            |   |                         |
| 2. Composition/Information On Ingredients  |            |   |                         |
| Ingredient Name  | CAS Number |   | Percent Of Total Weight |
| 1-Hydroxyethane-1,1-diphosphoric Acid  | 2809-21-4  |   |                         |
| 2-BUTOXYETHANOL  | 111-76-2   |   |                         |
| CITRICACID   | 77-92-9    |   |                         |
| Poly(oxy-1,2-ethanediyl), alpha-(nonlyphenyl-omega-hydroxy-  | 9016-45-9  |   |                         |
| 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). |            |   |                         |
| 3. Hazards Identification  |            |   |                         |
| <b>Primary Routes(s) Of Entry</b><br>Skin Contact  |            |   |                         |
| <b>Eye Hazards</b><br>May cause irreversible eye damage.   |            |   |                         |
| <b>Skin Hazards</b><br>May cause permanent skin damage.  |            |   |                         |
| <b>Ingestion Hazards</b><br>If ingested, get immediate medical attention   |            |   |                         |
| <b>Inhalation Hazards</b><br>May be severely irritating to respiratory tract.  |            |   |                         |

**MATERIAL SAFETY DATA SHEET****Robarb Back Wash****3. Hazards Identification - Continued****Inhalation Hazards - Continued****Signs And Symptoms**

Irritation of Eyes 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. Get medical attention immediately.

**Skin**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**

Give Milk, Egg Whites or Baking Soda Immediately. Drink large amounts of water. Contact a physician or poison control.

**Inhalation**

If inhaled, remove to fresh air. Consult a physician. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Fire Fighting (Pictograms)****5. Fire Fighting Measures**

Flash Point: n/a °F

**Fire And Explosion Hazards**

Fumes released under fire conditions are toxic.

**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.

**MATERIAL SAFETY DATA SHEET****Robarb Back Wash****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.

**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.

**Skin Protection**

Chemical-resistant gloves.

**Respiratory Protection**

General room ventilation is normally adequate.

**Ingredient(s) - Exposure Limits**

2-BUTOXYETHANOL

ACGIH TLV-TWA 20 ppm (Skin)

OSHA PEL-TWA 50 ppm (Skin)

**9. Physical And Chemical Properties****Appearance**

Dark blue liquid

**Odor**

Detergent

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 215 °F

Specific Gravity: 1.138

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: 17

Vapor Density: 0.6

pH Factor: 1-3

Solubility: SOLUBLE IN WATER

Evaporation Rate: <1

Corrosive

**MATERIAL SAFETY DATA SHEET****Robarb Back Wash****10. Stability And Reactivity**

Stability: STABLE  
 Hazardous Polymerization: WILL NOT OCCUR

**Conditions To Avoid (Stability)**

Avoid contact with strong alkalis

**Incompatible Materials**

Alkalis

**Hazardous Decomposition Products**

Oxides of carbon, nitrogen, aldehydes, ketones

**11. Toxicological Information****Acute Studies**

Concentrated product may be corrosive to skin and mucous membranes.

**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 LIQUID, ACIDIC, ORGANIC, N.O.S. (Hydroxyethanediphosphonic Acid)

**Hazard Class**

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

**DOT Identification Number**

UN3265

**Additional Shipping Paper Description****DOT (Pictograms)****15. Regulatory Information****Ingredient(s) - U.S. Regulatory Information**

2-BUTOXYETHANOL  
 SARA Title III - Section 313 Form "R"/TRI Reportable Chemical  
 SARA - Acute Health Hazard  
 SARA - Chronic Health Hazard  
 SARA - Fire Hazard

**Ingredient(s) - State Regulations**

2-BUTOXYETHANOL  
 New Jersey - Workplace Hazard  
 New Jersey - Environmental Hazard  
 Pennsylvania - Workplace Hazard  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

***M A T E R I A L   S A F E T Y   D A T A   S H E E T***

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15. Regulatory Information

|                     |   |        |   |              |   |            |   |                     |   |
|---------------------|---|--------|---|--------------|---|------------|---|---------------------|---|
| <p><b>NFPA</b></p>  | <p><b>HMIS</b></p> <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">D</td> </tr> </table> | HEALTH | 3 | FLAMMABILITY | 1 | REACTIVITY | 1 | PERSONAL PROTECTION | D |
| HEALTH              | 3   |        |   |              |   |            |   |                     |   |
| FLAMMABILITY        | 1   |        |   |              |   |            |   |                     |   |
| REACTIVITY          | 1   |        |   |              |   |            |   |                     |   |
| PERSONAL PROTECTION | D   |        |   |              |   |            |   |                     |   |

16. Other Information

Revision/Preparer Information  
 MSDS Preparer: JHW  
 This MSDS Superceeds A Previous MSDS Dated: 07/24/2000

Disclaimer

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**Robarb**