



# MATERIAL SAFETY DATA SHEET

## Robarb pH Down (Spa Specialties)

1. Product And Company Identification			
<b>Supplier</b> 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		<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: 03/10/2006 Product Name: Robarb pH Down (Spa Specialties) Chemical Name: Sodium bisulfate CAS Number: Not Established Chemical Family: pH reducer Chemical Formula: Proprietary Mixture MSDS Number: 43			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
SODIUMBISULFATE		7681-38-1	
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			
<b>Primary Routes(s) Of Entry</b> Skin Contact			
<b>Eye Hazards</b> Causes eye irritation.			
<b>Skin Hazards</b> Causes skin irritation.			
<b>Ingestion Hazards</b> Harmful if swallowed.			
<b>Inhalation Hazards</b> Causes respiratory tract irritation.			

**MATERIAL SAFETY DATA SHEET****Robarb pH Down (Spa Specialties)****3. Hazards Identification - Continued****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**

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

**Ingestion**

DO NOT INDUCE VOMITING. Call a physician or a poison control center 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.

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

Flash Point: N/A °F

Flammability Class: N/A

**Fire And Explosion Hazards**

At temperatures in excess of 570 F, hazardous fumes of sulfur dioxide and sulfur trioxide are evolved. Use forced draft ventilation or gas mask.

**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. Water can be used to cool and protect exposed material.

**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.

**MATERIAL SAFETY DATA SHEET****Robarb pH Down (Spa Specialties)****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. Keep containers tightly closed.

**Handling Precautions**

Use only with adequate personal protection.

**Storage Precautions**

Store in a cool dry place.

**Work/Hygienic Practices**

Use safe chemical handling procedures suitable for the hazards presented by this material. Avoid contact with eyes. Solutions of this material are acidic and strongly irritating. Will attack most metals.

**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.

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

Pink liquid

**Odor**

Slightly Acidic

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 220 °F

Specific Gravity: 1.30

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

pH Factor: <1

Solubility: SOLUBLE

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**10. Stability And Reactivity**

Stability: Stable  
 Hazardous Polymerization: Will not occur.  
**Hazardous Decomposition Products**  
 At Temperatures in excess of 570F Hazardous fumes of Sulfer Dioxide and Sulfer Trioxide are evolved.

**11. Toxicological Information**

**Acute Oral Effects**  
 LD50 Rat: >5g/kg

**12. Ecological Information**

No Data Available...

**13. Disposal Considerations**


Dispose in accordance with applicable federal, state and local government regulations.

**14. Transport Information**

**Proper Shipping Name**  
 Bisulfate, Aqueous Solution  
**Hazard Class**  
 8, PGII (<1L Consumer Commodity ORM-D)  
**DOT Identification Number**  
 UN2837

**15. Regulatory Information**

**Ingredient(s) - State Regulations**  
 SODIUM BISULFATE  
 New Jersey - Workplace Hazard  
 New Jersey - Special Hazard  
 New York City - Hazardous Substance  
**Canadian Regulatory Information**  
 Class E - Corrosive Material  
 Class D, Div 2b- Poisonous or Infectious Material: other toxic effects

<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">C</td> </tr> </table>	HEALTH	3	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	C
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**16. Other Information**

**Revision/Preparer Information**  
 MSDS Preparer: jw3  
 This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

**Disclaimer**

No Data Available...

**MATERIAL SAFETY DATA SHEET**

**Robarb pH Down (Spa Specialties)**

**Disclaimer - Continued**

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**Robarb**

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