



MATERIAL SAFETY DATA SHEET

Robarb pH Up (Pool Specialties)

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: 02/28/2006 Product Name: Robarb pH Up (Pool Specialties) Chemical Name: Sodium Carbonate CAS Number: Not Established Chemical Family: Carbonate Chemical Formula: Proprietary Mixture MSDS Number: 42			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
Sodium Carbonate		497-19-8	
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 Causes eye irritation.			
Skin Hazards Causes skin irritation.			
Ingestion Hazards Harmful if swallowed.If ingested, get immediate medical attention			
Inhalation Hazards May cause respiratory tract irritation.			
Signs And Symptoms Irritation of Eyes, Skin and Respiratory Passages			

MATERIAL SAFETY DATA SHEET**Robarb pH Up (Pool Specialties)****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. Consult Physician.

Skin

Wash the affected area under tepid running water using a mild soap.

Ingestion

DO NOT INDUCE VOMITING. If victim is fully conscious, give one or two cups of water or milk to drink. Call a physician or a poison control center immediately.

Inhalation

If inhaled, remove to fresh air.

Note To Physician

Internal toxicity is low. Irritant effects of high concentrations may produce corneal opacities and vesicular skin reactions in humans with abraded skin only. Treatment is symptomatic and supportive.

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

Flash Point: N/A °F

Flammability Class: NOT FLAMMABLE

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

Sweep up and remove immediately. Collect and dispose.

7. Handling And Storage**Handling And Storage Precautions**

Keep out of reach of children. Do not store with acids. Keep containers tightly closed. Store material in a cool and dry place.

Handling Precautions

Avoid contact with eyes.

Storage Precautions

Keep away from acids. Store in a cool dry place.

Work/Hygienic Practices

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

MATERIAL SAFETY DATA SHEET**Robarb pH Up (Pool Specialties)****Protective Clothing (Pictograms)****8. Exposure Controls/Personal Protection****Engineering Controls**

Local exhaust acceptable. Special exhaust not required unless dust accumulation is a problem.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required. If dust accumulation is a problem a dust mask is suggested.
Full Cover clothing should be worn

9. Physical And Chemical Properties**Appearance**

White Granules

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: 1564 °F

Boiling Point: DECOMPOSES °F

Specific Gravity: 2.5

Percent Volitales: NOT APPLICABLE

Percent VOCs: NOT APPLICABLE

Vapor Pressure: NOT APPLICABLE

Vapor Density: NOT APPLICABLE

pH Factor: 11-12 At a Concentration Of 1% SOLUTION IN WATER

Solubility: 32% AT 25C IN WATER

Viscosity: NOT APPLICABLE

Evaporation Rate: NOT APPLICABLE

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

High Humidity Causes Caking

Incompatible Materials

All Acids, Aluminum powder, Fluorine, Molten Lithium

Hazardous Decomposition Products


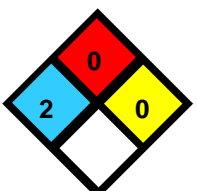
Toxic fumes of Na₂O, CO₂

11. Toxicological Information

No Data Available...

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Robarb pH Up (Pool Specialties)

11. Toxicological Information - Continued									
<u>Ingredient(s) - Toxicological Data</u> Sodium Carbonate TLV 10ppm									
12. Ecological Information									
No Data Available...									
13. Disposal Considerations									
Dispose in accordance with applicable federal, state and local government regulations.									
14. Transport Information									
<u>Proper Shipping Name</u> NOT REGULATED									
<u>Hazard Class</u> NOT REGULATED									
<u>DOT Identification Number</u> NONE									
15. Regulatory Information									
<u>Canadian Regulatory Information</u> Class D, Div 2b - Poisonous or Infectious Material: other toxic effects									
<u>WHMIS - Canada (Pictograms)</u>									
									
NFPA	HMIS								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: white;">HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">F</td> </tr> </table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	F
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16. Other Information									
<u>Revision/Preparer Information</u> MSDS Preparer: JHW3 This MSDS Supercedes A Previous MSDS Dated: 07/26/2000									
Disclaimer									
<p>Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).</p> <p>Robarb</p>									