



MATERIAL SAFETY DATA SHEET

Robarb Spa Alkalinity Up

1. Product And Company Identification				
<u>Supplier</u> 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		<u>Manufacturer</u> 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		
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		
Issue Date: 04/17/2001 Product Name: Robarb Spa Alkalinity Up CAS Number: Not Established Chemical Family: Alkali Salt Chemical Formula: NaHCO ₃ MSDS Number: 48				
2. Composition/Information On Ingredients				
		Ingredient Name	CAS Number	Percent Of Total Weight
		SODIUM BICARBONATE	144-55-8	
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				
<u>Primary Routes(s) Of Entry</u> Skin Contact <u>Eye Hazards</u> Causes eye irritation. <u>Skin Hazards</u> Causes skin irritation. <u>Ingestion Hazards</u> Harmful if swallowed. If ingested, get immediate medical attention <u>Inhalation Hazards</u> May cause respiratory tract irritation. <u>Signs And Symptoms</u> none known				

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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. Consult Physician.

Skin

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

Ingestion

INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

Inhalation

If inhaled, remove to fresh air.

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. This material is used as a dry powder extinguishing agent for all classes of fires

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.

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Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

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.

9. Physical And Chemical Properties

Appearance

White Granules

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: DECOMPOSES °F

Boiling Point: DECOMPOSES °F

Percent Volitales: NOT APPLICABLE

Percent VOCs: NOT APPLICABLE

Vapor Pressure: NOT APPLICABLE

Vapor Density: NOT APPLICABLE

pH Factor: 8.5 At a Concentration Of 1% SOLUTION IN WATER

Solubility: 9.6G/100ML AT 20C 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

Hazardous Decomposition Products

CO₂

11. Toxicological Information

Acute Oral Effects

LD50 mg/kg Rat >4.22g/kg MAY CAUSE IRRITATION OF EYES AND RESPIATORY PASSAGES.
INGESTATION MAY CAUSE GASTROINTESTINAL IRRITATION

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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

NOT REGULATED

Hazard Class

NOT REGULATED

Secondary Hazard Class

NOT REGULATED

DOT Identification Number

NONE

DOT Shipping Label

NOT ASSIGNED

Freight Class

NOT REGULATED

Packaging Requirements

NOT REGULATED

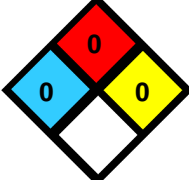
15. Regulatory Information

State Regulations

Sodium Bicarbonate is considered a hazardous waste in California

Canadian Regulatory Information

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>0</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>E</td></tr></table>	HEALTH	0	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	E
HEALTH	0								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	E								

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

Disclaimer

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