



MATERIAL SAFETY DATA SHEET

Robarb pH Up (Spa 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 (Spa Specialties)

Chemical Name: Sodium Carbonate Solution

CAS Number: Not Established

Chemical Family: Carbonate

Chemical Formula: Proprietary Mixture

MSDS Number: 34

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 (Spa 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 (Spa 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

Blue Solution

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: 1564 °F

Boiling Point: DECOMPOSES °F

Specific Gravity: 1.26 - 1.28

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


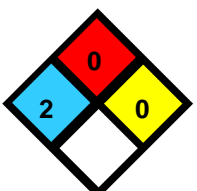
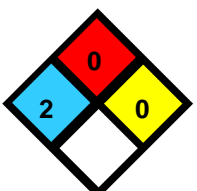
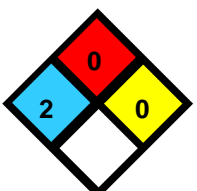
Toxic fumes of Na₂O, CO₂

11. Toxicological Information

No Data Available...

MATERIAL SAFETY DATA SHEET

Robarb pH Up (Spa Specialties)

11. Toxicological Information - Continued												
Ingredient(s) - Toxicological Data 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												
Proper Shipping Name Corrosive Liquid, Basic, Inorganic, n.o.s. (Potassium Carbonate Solution)												
Hazard Class 8, PGII (<=1 L Consumer Commodity ORM-D)												
DOT Identification Number UN3266												
15. Regulatory Information												
Canadian Regulatory Information Class D, Div 2b - Poisonous or Infectious Material: other toxic effects												
WHMIS - Canada (Pictograms)												
												
<table border="1"><tr><td>NFPA</td><td>HMIS</td></tr><tr><td></td><td><table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table></td></tr></table>	NFPA	HMIS		<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	F
NFPA	HMIS											
	<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	F			
HEALTH	2											
FLAMMABILITY	0											
REACTIVITY	0											
PERSONAL PROTECTION	F											
16. Other Information												
Revision/Preparer Information MSDS Preparer: JHW This MSDS Supercedes A Previous MSDS Dated: 07/24/2000												
Disclaimer												
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).												
Robarb												

Printed Using MSDS Generator™ 2000