



MATERIAL SAFETY DATA SHEET

GLB Alkalinity Up

1. Product And Company Identification

Supplier GLB 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 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 ACEAN - DAY OR NIGHT: (800) 654-6911	Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911

Issue Date: 05/20/2009

Product Name: GLB Alkalinity Up
Chemical Name: Sodium Bicarbonate
Chemical Family: Alkali Salt
Chemical Formula: NaHCO₃
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% of more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

3. Hazards Identification

Eye Hazards

Slightly irritating.

Skin Hazards

Slightly irritating.

Ingestion Hazards

Low acute oral toxicity. May cause nausea, vomiting, abdominal pain.

Inhalation Hazards

Low acute inhalation toxicity. May cause coughing, upper respiratory tract irritation.

Chronic/Carcinogenicity Effects

This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as probable or suspected human carcinogens.

Signs And Symptoms

none known

GLB Alkalinity Up

First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Skin

In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

Note To Physician

All treatments should be based upon observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: NOT FLAMMABLE

Fire And Explosion Hazards

Not combustible.

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 place in appropriate closed container. Dispose of in accordance with federal, state, and local guidelines. Do not flush spills to drain.

GLB Alkalinity Up

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 direct or prolonged contact with skin and eyes. Avoid breathing dusts.

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.

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 and suitable long sleeved clothing.

Respiratory Protection

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard:
Air purifying (half mask/full face) respirator with cartridges/canister approved for use against dust, mists, and fumes.

9. Physical And Chemical Properties

Appearance

White Powder Solid

Odor

Odorless

Chemical Type: Mixture

Physical State: Solid

Melting Point: Not Available °F

Boiling Point: Not Available °F

Molecular Weight: 84

Vapor Pressure: Not Available

Vapor Density: Not Available

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

Solubility: Soluble 9.5% wt/wt% at 20C (68F)

10. Stability And Reactivity

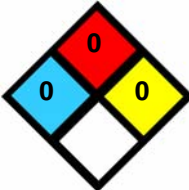
Stability: Stable

Hazardous Polymerization: Will not occur

GLB Alkalinity Up

10. Stability And Reactivity - Continued
<u>Conditions To Avoid (Stability)</u> Elevated temperatures, heat.
<u>Incompatible Materials</u> Moisture, strong acids, strong oxidizing agents.
<u>Hazardous Decomposition Products</u> Oxides of carbon.
11. Toxicological Information
<u>Eye Effects</u> eye - eye irritation, 100 mg/30s, rabbit. Mildly irritating.
<u>Skin Effects</u> skin - skin irritation, 30 mg/3D-I, human Mildly irritating. Standard Draize test.
<u>Acute Oral Effects</u> LD50 mg/kg Rat >4.22g/kg
<u>Chronic/Carcinogenicity</u> This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.
<u>Conditions Aggravated By Exposure</u> Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema, or bronchitis. Skin contact may aggravate existing skin disease.
12. Ecological Information
<u>Ecotoxicological Information</u> No data found for product.
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>State Regulations</u> This product does not contain any components that are regulated under California Proposition 65.

GLB Alkalinity Up

NFPA 	HMIS <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">0</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">1</td></tr></table>	HEALTH	0	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	1
HEALTH	0								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	1								

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

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

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).

GLB