



MATERIAL SAFETY DATA SHEET

GLB X-Change

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 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: 05/01/2002 Product Name: GLB X-Change Chemical Name: Bromide Salt Solution CAS Number: Not Established Chemical Family: Bromide Chemical Formula: Proprietary Mixture MSDS Number: 44			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
SODIUMBROMIDE		7647-15-6	
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 May cause skin irritation.			
Ingestion Hazards Not expected to be acutely toxic.			
Inhalation Hazards Causes respiratory tract irritation.			
Signs And Symptoms Irritation of Eyes and Respiratory Passages			

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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. Get medical attention immediately.

Skin

In case of contact, immediately flush skin with soap and plenty of water.

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

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

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

Storage Precautions

Do not Reuse container

Work/Hygienic Practices

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

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

No Data Available...

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8. Exposure Controls/Personal Protection - Continued

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

9. Physical And Chemical Properties

Appearance

Clear liquid

Odor

None

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 212 °F

Specific Gravity: 1.300-1.385

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

pH Factor: 7.5

Solubility: SOLUBLE IN WATER

Evaporation Rate: > Water

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Incompatible Materials

Acids and Oxidizers

Hazardous Decomposition Products

Bromine gas

11. Toxicological Information

Acute Studies

No Data on Mixture.

12. Ecological Information

Ecotoxicological Information

No Data on Mixture

13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

14. Transport Information

No Data Available...

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14. Transport Information - Continued

Proper Shipping Name

NOT REGULATED

Hazard Class

NOT REGULATED

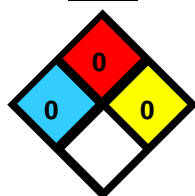
DOT Identification Number

NONE

15. Regulatory Information

Canadian Regulatory Information

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

WHMIS - Canada (Pictograms)**NFPA****HMIS**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

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

Disclaimer

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GLB