

# ROBARB MATERIAL SAFETY DATA SHEET



## Robarb Brom A Spa Liquid

<b>1. Product And Company Identification</b>				
<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 &amp; Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<u>Manufacturer Emergency Contacts &amp; Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		
Issue Date: 04/18/2001  Product Name: Robarb Brom A Spa Liquid CAS Number: Not Established Chemical Family: Bromide Chemical Formula: Proprietary Mixture MSDS Number: 87				
<b>2. Composition/Information On Ingredients</b>				
		Ingredient Name	CAS Number	Percent Of Total Weight
		SODIUM BROMIDE	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).				
<b>3. Hazards Identification</b>				
<u>Primary Routes(s) Of Entry</u> Skin Contact				
<u>Eye Hazards</u> Causes irreversible eye damage.				
<u>Skin Hazards</u> May cause skin irritation.				
<u>Ingestion Hazards</u> May cause Nausea vomiting Abdominal pain in severe cases Coma and Paralysis				
<u>Inhalation Hazards</u> Causes respiratory tract irritation.				
<u>Signs And Symptoms</u> 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

Drink large amounts of water. Contact a physician or poison control. Repeated ingestion may affect central nervous system. May produce depression, sedation and confusion.

#### 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. Store in a cool dry place. Store away from strong acids, Oxidizing agents, Bromine Trifluoride and salts of heavy metals

#### 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

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:** 1.35

**Percent Volitales:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**Solubility:** complere in water

**Evaporation Rate:** >water

### 10. Stability And Reactivity

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

#### Incompatible Materials

Acids and Oxidizers, Bromine triflouride and salts of heavy metals

#### Hazardous Decomposition Products

Bromine gas

### 11. Toxicological Information

#### Acute Oral Effects

LD50 mg/kg Rat  $\geq$  10gr/kg

### 12. Ecological Information

No Data Available...

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### 13. Disposal Considerations

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

### 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

#### Packaging Requirements

NOT APPLICABLE

### 15. Regulatory Information

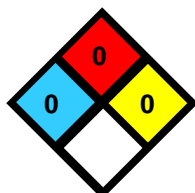
#### Canadian Regulatory Information

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

#### WHMIS - Canada (Pictograms)



#### NFPA



#### HMIS

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	E

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 09/13/2000

#### Disclaimer

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Robarb