



# MATERIAL SAFETY DATA SHEET

## Robarb Yellow Free

1. Product And Company Identification			
<b>Supplier</b> 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		<b>Manufacturer</b> 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	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 02/13/2006 Product Name: Robarb Yellow Free CAS Number: Not Established Chemical Family: Bromide Salt Chemical Formula: Proprietary Mixture MSDS Number: 288			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
SODIUMBROMIDE	7647-15-6		
SODIUMTETRABORATEPENTAHYDRATE	12179-04-3		
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			
<b>Primary Routes(s) Of Entry</b> Skin contact.			
<b>Eye Hazards</b> May cause eye irritation.			
<b>Skin Hazards</b> May cause skin irritation.			
<b>Ingestion Hazards</b> Not expected to be acutely toxic.			
<b>Inhalation Hazards</b> Can cause respiratory tract irritation.			
<b>Signs And Symptoms</b> Irritation of eyes, skin, and/or respiratory passages.			

**MATERIAL SAFETY DATA SHEET****Robarb Yellow Free****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.

**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 Precautions**

Do not get in eyes or on skin.

**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. Keep away from children.

**Work/Hygienic Practices**

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

**Protective Clothing (Pictograms)**

**MATERIAL SAFETY DATA SHEET****Robarb Yellow Free****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**

White crystalline solid

**Odor**

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: 755 °C

Boiling Point: 1390 °C

Specific Gravity: 3.21

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: 1mm hg @ 806C

Solubility: 95g/100g @25C

Evaporation Rate: n/a

**10. Stability And Reactivity**

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

**Incompatible Materials**

Acids, oxidizers, bromine triflouride and salts of heavy metals

**Hazardous Decomposition Products**

Bromine gas

**11. Toxicological Information****Skin Effects**

Dermal LD50 (Rabbit) >2g/kg

**Acute Oral Effects**

LD50 mg/kg Rat >= 4.2gr/kg

**12. Ecological Information**

No Data Available...

**13. Disposal Considerations**

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

**14. Transport Information**

No Data Available...

# MATERIAL SAFETY DATA SHEET

## Robarb Yellow Free

**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)



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

**16. Other Information**

Revision/Preparer Information  
MSDS Preparer: JHW  
This MSDS Supersedes A Previous MSDS Dated: 08/20/2002

**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**