



# MATERIAL SAFETY DATA SHEET

Applied Biochemists Yellowtrine

1. Product And Company Identification				
<p><b>Supplier</b>            Applied Biochemists            1400 Bluegrass Lakes Parkway            Alpharetta, GA 30004 United States            Telephone Number: (770) 521-5999            FAX Number: (770) 521-5959            Web Site: www.poolspacare.com</p>	<p><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</p>			
<p><b>Supplier Emergency Contacts &amp; Phone Number</b>            CHEMTREC - DAY OR NIGHT: (800) 424-9300</p>	<p><b>Manufacturer Emergency Contacts &amp; Phone Number</b>            CHEMTREC - DAY OR NIGHT: (800) 424-9300</p>			
<p><b>Issue Date:</b> 08/20/2002</p> <p><b>Product Name:</b> Applied Biochemists Yellowtrine  <b>CAS Number:</b> Not Established  <b>Chemical Family:</b> Bromide Salt  <b>Chemical Formula:</b> Proprietary Mixture  <b>MSDS Number:</b> 288</p>				
2. Composition/Information On Ingredients				
	Ingredient Name	CAS Number		Percent Of Total Weight
	SODIUMBROMIDE	7647-15-6		
	SODIUMTETRABORATEPENTAHYDRATE	12179-04-3		
<p>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).</p>				
3. Hazards Identification				
<p><b>Primary Routes(s) Of Entry</b>            Skin contact.</p> <p><b>Eye Hazards</b>            May cause eye irritation.</p> <p><b>Skin Hazards</b>            May cause skin irritation.</p> <p><b>Ingestion Hazards</b>            Not expected to be acutely toxic.</p> <p><b>Inhalation Hazards</b>            Can cause respiratory tract irritation.</p> <p><b>Signs And Symptoms</b>            Irritation of eyes, skin, and/or respiratory passages.</p>				

# MATERIAL SAFETY DATA SHEET

## Applied Biochemists Yellowtrine

### 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

## Applied Biochemists Yellowtrine

### 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

## Applied Biochemists Yellowtrine

### 14. Transport Information - Continued

**Proper Shipping Name**

NOT REGULATED

**Hazard Class**

NOT REGULATED

**DOT Identification Number**

NONE

### 15. Regulatory Information

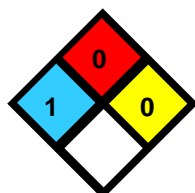
**Canadian Regulatory Information**

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

**WHMIS - Canada (Pictograms)**



**NFPA**



**HMIS**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

### 16. Other Information

**Revision/Preparer Information**

MSDS Preparer: JHW

This MSDS Superceeds 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).

Applied Biochemists