




**Applied Biochemists Pooltrine 50**

<b>1. Product And Company Identification</b>			
<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> 08/28/2003</p> <p><b>Product Name:</b> Applied Biochemists Pooltrine 50  <b>Chemical Name:</b> Didecyl Dimethyl Ammonium Chloride  <b>Chemical Family:</b> Quaternary Ammonium Compound  <b>Chemical Formula:</b> Proprietary  <b>MSDS Number:</b> 98</p>			
<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	DIDECYLDIMETHYLAMMONIUMCHLORIDE	7173-51-5	
	ETHYL ALCOHOL	64-17-5	
<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>			
<b>Hazards Identification (Pictograms)</b>			
			
<b>3. Hazards Identification</b>			
<p><b>Primary Routes(s) Of Entry</b>          Skin contact, inhalation, and eye contact.</p> <p><b>Eye Hazards</b>          Corrosive to eyes. Severe eye damage can result from direct contact.</p> <p><b>Skin Hazards</b>          Causes severe skin irritation.</p> <p><b>Ingestion Hazards</b>          Harmful or fatal if swallowed. If ingested, get immediate medical attention. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.</p>			

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<b>3. Hazards Identification - Continued</b>
<b>Inhalation Hazards</b> May cause respiratory tract irritation.
<b>First Aid (Pictograms)</b> 
<b>4. First Aid Measures</b>  <b>Eye</b> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.  <b>Skin</b> In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists. Wash clothing before reuse.  <b>Ingestion</b> Give Egg Whites or gelatin solution Immediately. If not available give large quantities of water. Avoid alcohol. Get Medical attention. Contact a physician or poison control.  <b>Inhalation</b> If inhaled, remove to fresh air. Consult a physician.  <b>Note To Physician</b> Probable mucosal damage may contraindicate use of gastric lavage. Evaluate Principal Route of Entry, Seek appropriate medical attention. Never give anything by mouth to an unconscious person.
<b>Fire Fighting (Pictograms)</b> 
<b>5. Fire Fighting Measures</b>  <b>Flash Point:</b> 109 °F <b>Flash Point Method:</b> PMCC  <b>Fire And Explosion Hazards</b> Combustion products are toxic. Thermal decomposition causes oxides of carbon chlorine, and nitrogen. Solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air.  <b>Extinguishing Media</b> In case of fire, use water fog, dry chemical, CO2, or "alcohol" foam.  <b>Fire Fighting Instructions</b> Firefighters should wear self-contained breathing apparatus and full protective gear. Floors may become slippery. Products of combustions are toxic. Heated vapors can travel to an ignition source and flash back. Explosive mixture can form in air.
<b>6. Accidental Release Measures</b>  Remove ignition sources. Wear respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

## Applied Biochemists Pooltrine 50

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Keep from freezing. Store in original container.

#### Handling Precautions

Avoid contact with skin and clothing. Do not store in proximity to foodstuffs.

#### Storage Precautions

Keep out of reach of children.

#### 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

Mechanical required in enclosed areas. Local exhaust acceptable. Use in well ventilated areas.

#### Eye/Face Protection

Safety glasses with side shields or goggles recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

None normally required.

### 9. Physical And Chemical Properties

#### Appearance

Blue liquid

#### Odor

fish, amine

**Chemical Type:** Mixture

**Physical State:** Liquid

**Specific Gravity:** 0.96-0.99

**Molecular Weight:** Proprietary

**Percent Volitales:** by weight: 50

**Vapor Density:** >1

**pH Factor:** 6-8

**Solubility:** Soluble in water

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** will not occur

## Applied Biochemists Pooltrine 50

### 10. Stability And Reactivity - Continued

#### **Incompatible Materials**

Avoid contact with strong oxidizers and reducers.

#### **Hazardous Decomposition Products**

The dried material can burn to give off oxides of carbon, hydrogen, nitrogen and hydrogen chloride.

### 11. Toxicological Information

#### **Skin Effects**

Acute dermal greater than 2000 mg/kg.

#### **Acute Oral Effects**

Acute oral LD50: 580 mg/kg for males and females combined.

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

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

### 14. Transport Information

#### **Proper Shipping Name**

DISINFECTANT, CORROSIVE LIQUIDS, N.O.S. (Quaternary Ammonium Compound)

#### **Hazard Class**

8,PGII (<=1L CONSUMER COMMODITY ORM-D)

#### **DOT Identification Number**

UN1903

#### **DOT (Pictograms)**



### 15. Regulatory Information

#### **Ingredient(s) - State Regulations**

ETHYL ALCOHOL

New Jersey - Workplace Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard


California - Proposition 65

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

# MATERIAL SAFETY DATA SHEET

## Applied Biochemists Pooltrine 50

<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"><tr><td>HEALTH</td><td>3</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	3	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	B
HEALTH	3								
FLAMMABILITY	2								
REACTIVITY	0								
PERSONAL PROTECTION	B								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 10/20/2000

#### Disclaimer

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