



Applied Biochemists Silvertrine

**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                  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                  ACEAN - DAY OR NIGHT: (800) 654-6911</p>	<p><b>Manufacturer Emergency Contacts &amp; Phone Number</b>                  CHEMTREC - DAY OR NIGHT: (800) 424-9300                  ACEAN - DAY OR NIGHT: (800) 654-6911</p>

**Issue Date:** 05/28/2009

**Product Name:** Applied Biochemists Silvertrine  
**Chemical Name:** Colloidal Silver  
**Chemical Family:** Algaecide  
**Chemical Formula:** Proprietary  
**MSDS Number:** 111

**2. Composition/Information On Ingredients**

Ingredient Name	CAS Number	Percent Of Total Weight
COLLOIDAL SILVER	7761-88-8	

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**  
 May causes eye irritation.

**Skin Hazards**  
 May cause skin irritation. May cause burns with subsequent darkening and peeling of skin

**Ingestion Hazards**  
 Irritating to mucous membranes.

**Inhalation Hazards**  
 None normally associated with this product

**Signs And Symptoms**  
 Irritant to eyes,skin, mucous membranes.

**4. First Aid Measures**

No Data Available...

## Applied Biochemists Silvertrine

### 4. First Aid Measures - Continued

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

#### Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have product container with you when calling a poison control center or doctor, or when going for treatment.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** n/a °F

#### Fire And Explosion Hazards

When dried may react with organic reducing agents to form a flammable or explosive product

#### Extinguishing Media

Water

### 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. Wash thoroughly after handling

#### 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

No Data Available...

## Applied Biochemists Silvertrine

### 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 recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

None normally required.

### 9. Physical And Chemical Properties

#### Appearance

Dark Brown Liquid

#### Odor

Slight

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** NOT APPLICABLE °F

**Boiling Point:** >212 °F

**Specific Gravity:** 1.0-1.1

**Molecular Weight:** Proprietary

**Percent Volitales:** 97

**Vapor Pressure:** 18.5

**Solubility:** Soluble in Water

**Evaporation Rate:** NOT DETERMINED

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** will not occur

#### Conditions To Avoid (Stability)

Excessive Temperature

#### Incompatible Materials

Organics and Reducing agents

#### Hazardous Decomposition Products

Unknown

### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Contact EPA for NPDES permitting. Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

### 14. Transport Information

No Data Available...

# MATERIAL SAFETY DATA SHEET

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### 14. Transport Information - Continued

**Proper Shipping Name**

NOT REGULATED

**Hazard Class**

NOT REGULATED

**DOT Identification Number**

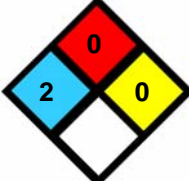
NONE

**DOT Shipping Label**

NOT ASSIGNED

### 15. Regulatory Information

No Data Available...

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

### 16. Other Information

**Revision/Preparer Information**

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 10/05/2000

### Disclaimer

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**Applied Biochemists**