# 1. Product And Company Identification

**Supplier** 

Alliance Trading, Inc.

109 Northpark Blvd., 4th Floor Covington, LA 70433 United States

**Telephone Number:** (985) 892-5521

FAX Number: (985) 892-1657

Web Site:

**Manufacturer** 

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

**Issue Date:** 12/15/2005

Product Name: Algaezone Plus

**Chemical Name:** Copper Alkanolamine Complex **Chemical Family:** Copper and Nitrogen compounds

Chemical Formula: Proprietary Mixture

MSDS Number: 60

2. Composition/Information On Ingredients

3			
Ingredient Name	CAS Number		Percent Of TotalWeight
CITRICACID	77-92-9		
COPPERCARBONATE	12069-69-1		
MONOETHANOLAMINE	141-43-5		
TRIETHANOLAMINE	102-71-6		

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).

## 3. Hazards Identification

## Primary Routes(s) Of Entry

Skin contact, eye contact, inhalation.

#### **Eye Hazards**

Causes eye irritation.

#### **Skin Hazards**

Causes skin irritation.

#### **Ingestion Hazards**

Harmful if swallowed.

#### **Inhalation Hazards**

Causes respiratory tract irritation.

#### **Signs And Symptoms**

Contact with skin and eyes may be irritating. Vapors or mist may cause irritation with pain, coughing and discomfort to eyes, nose, throat, and chest.

#### **Conditions Aggravated By Exposure**

None known.

## 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. Call a physician or a poison control center immediately.

#### Skin

Rinse the affected area with tepid water for at least 15 minutes.

#### Ingestion

Call a physician or a poison control center immediately.

#### Inhalation

If inhaled, remove to fresh air.

Evaluate principal route of entry, seek appropriate medical attention. Never give anything by mouth to an unconscious person.

#### Fire Fighting (Pictograms)



#### 5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: NOT FLAMMABLE

#### **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

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flood with water.

#### 7. Handling And Storage

#### **Handling And Storage Precautions**

Keep out of reach of children. Wash hands thoroughly after handling.

### **Handling Precautions**

Avoid contact with eyes. Wash hands before eating, drinking or smoking.

#### Storage Precautions

Store in a cool dry place. 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**

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**

General room ventilation is normally adequate.

## Ingredient(s) - Exposure Limits

**COPPER CARBONATE** 

Copper (as dust or mist) OSHA PEL 1 mg/m3

**TRIETHANOLAMINE** 

ACGIH TLV-TWA 5 mg/m3

## 9. Physical And Chemical Properties

#### **Appearance**

Blue viscous liquid.

#### Odor

Mild

Chemical Type: Mixture Physical State: Liquid Melting Point: N/A °F Boiling Point: 212 °F Specific Gravity: 1.2

Percent Volitales: Not established Vapor Pressure: NOT DETERMINED

Vapor Density: >1

Solubility: Soluble in water Viscosity: Not established Evaporation Rate: <1

#### 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

## **Conditions To Avoid (Stability)**

Thermal decomposition may cause oxides of carbon and nitrogen avoid strong acids and nitrites.

## 11. Toxicological Information

No Data Available...

#### 12. Ecological Information

No Data Available...

#### 13. Disposal Considerations

Incinerate in a furnace or flush small amount into sewer system <5 gallons. Refer to applicable local, state and federal regulations as well as industry standards.

## 14. Transport Information

#### Proper Shipping Name

CORROSIVE LIQUIDS, N.O.S. (Copper Triethanolamine Complex)

#### **Hazard Class**

8, PGIII (<=4L Consumer Commodity ORM-D)

#### **DOT Identification Number**

UN1760

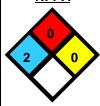
#### 15. Regulatory Information

## Ingredient(s) - State Regulations

**TRIETHANOLAMINE** 

Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance

#### **NFPA**





## 16. Other Information

## **Revision/Preparer Information**

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

#### **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 suitablility 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).

Printed Using MSDS Generator™ 2000