



## MATERIAL SAFETY DATA SHEET

### 1. Product And Company Identification

Aqua Tri  
17872 Mitchell No. Suite 250  
Irvine, CA 92614-6034  
Telephone Number: (949)474-7707  
FAX Number: (949)474-7024  
For an MSDS visit [WWW.AQUATRI.COM](http://WWW.AQUATRI.COM)

Issue Date: 03/08/2002

Product Name: All Clear Green Algaecide  
Chemical Name: Copper Alkanolamine Complex  
CAS Number: Not Established  
Chemical Family: Copper and Nitrogen compounds  
Chemical Formula: Proprietary Mixture  
MSDS Number: 60

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
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.



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### 3. Hazards Identification - Continued

#### 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.



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### 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/m<sup>3</sup>

TRIETHANOLAMINE

ACGIH TLV-TWA 5 mg/m<sup>3</sup>

### 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 Volatiles:** 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...



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### 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



#### HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

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

#### Disclaimer

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