

MATERIAL SAFETY DATA SHEET

All Clear Green Algaecide

1. Product And Company Identification

Supplier Aqua Tri 17872 N. Mitchell Irvine, CA 92614 United States Telephone Number: (949) 474-7707 FAX Number: (949) 474-7024	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: 03/08/2002

Product Name: 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.

MATERIAL SAFETY DATA SHEET

All Clear Green Algaecide

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.

MATERIAL SAFETY DATA SHEET

All Clear Green Algaecide

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 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...

MATERIAL SAFETY DATA SHEET

All Clear Green Algaecide

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

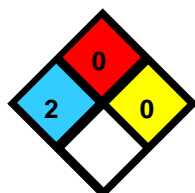
Ingredient(s) - State Regulations

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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