

# MSDS Document

## Product COPPER ALGAECIDE 7%

### 1. Chemical Product and Company Identification

**Trade Name of this Product** COPPER ALGAECIDE 7%

**MSDS ID** MSDS2373

**Manufacturer**

Haviland Consumer Products, Inc.  
421 Ann Street N.W.  
Grand Rapids, MI 49504

**Phone Number**

(616) 361-6691

**Emergency Phone**

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

**Revision Date** 00/00/00

Health:	1
Fire:	1
Reactivity:	0
Specific	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Elemental Copper (from copper-triethanolamine complex)	Not Available	7 %			

### 3. Hazard Identification

**Emergency Overview**

Harmful if swallowed. May cause skin and eye irritation.

**Health Effects**

Contact with eyes or skin may result in irritation. Ingestion may result in gastric disturbances. Inhalation may irritate the respiratory tract.

**Carcinogenicity**

None of the components present in this material are listed by IARC or NTP as a carcinogen.

**Reproductive Effects**

None known

**Routes of Entry**

Inhalation, Ingestion, Skin or Eye Contact

**4. First Aid Information**

**Eye Contact**

Flush with large amount of water for at least 15 minutes. Get medical attention if problems persist.

**Ingestion**

Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

**Inhalation**

Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

**Skin Contact**

Wash with soap and water. Remove contaminated clothing. See a physician if irritation occurs.

**5. Fire Fighting Measures**

**Flash Point** N/A

**Extinguishing Media**

Use media suitable for the surrounding fires.

**Special Fire Fighting Procedures**

Fire fighters should wear full protective clothing including self-contained breathing apparatus.

**Unusual Fire Hazard**

None known.

**6. Accidental Release Measures**

**Spill and Leak Procedures**

Use proper personal protective equipment. Soak up with absorbent material and place in properly labeled containers for disposal.

**7. Handling and Storage**

**Handling Procedures**

Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

**Storage Procedures**

Do not store near food or feed. Store in a clean, dry area at a temperature below 95°F (35°C).

Product decomposes above 200°C. Average shelf life under proper storage conditions is 2 years.

## 8. Exposure Controls and Personal Protection

### Engineering Controls

Use in well ventilated areas.

### Eye Protection

Chemical safety goggles

### Protective Gloves

Rubber or other impervious materials.

### Respiratory Protection

None required for normal use.

### Other Protective Equipment

Flowing water source should be available. Prevent contact with skin & clothing by using protective garments.

## 9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.17
Color/Appearance	Dark blue liquid
Odor	Odorless
pH	8.4
Boiling/Cond. Point	N/A
Melting/Freezing Point	N/A
Solubility	Soluble
Vapor Density	N/A
Vapor Pressure	N/A

## 10. Stability and Reactivity

### Chemical Stability

Stable under normal conditions

### Conditions to Avoid

Do not use where pH of water is below 6. Copper chelate may dissociate and release copper ions which could subsequently be precipitated as insoluble copper salts. Should not be applied when water temperature is below 60°F.

### Incompatible Materials

No data available.

### Hazardous Decomposition Products

None currently known

### Hazardous Polymerization

Will not occur.

## 11. Toxicological Information

Oral LD50 = 1,312 mg/kg.

## 12. Ecological Information

No information available.

## 13. Disposal Considerations

### Waste Disposal

Dispose of waste in accordance with all federal, state, and local regulations.

## 14. Transportation Information

### DOT Shipping Name

Not Regulated

## 15. Regulatory Information

### TSCA

All ingredients of this material are listed on the TSCA inventory.

## 16. Other Information

EPA Reg. No. 57787-17

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