

# SAFETY DATA SHEET

Date Issued : 12/07/2022

SDS No. : E-Z Clor Copper &amp; Scale Magnet

## E-Z Clor Copper & Scale Magnet

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** E-Z Clor Copper & Scale Magnet  
**GENERAL USE:** Metal and Scale Control for Swimming Pools  
**GENERIC NAME:** Citric Acid

#### DISTRIBUTOR

Alliance Trading, Inc.  
 109 North Park Blvd., 4th Floor  
 Covington, LA 70433

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Serious Eye Damage, Category 2

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash ... thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Eye, skin, and mucous membrane irritant. May cause allergic reactions in some individuals.

#### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation with redness, pain, possible eye burns, conjunctivities, ulceration and permanent cloudiness.

**SKIN:** May cause skin irritation with swelling, redness and pain.

**INGESTION:** May cause acute gastrointestinal irritation with abdominal pain.

**INHALATION:** May cause mucous membrane irritation with cough, sore throat and shortness of breath.

**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Citric Acid (Eye Irritant 2A, H319)	100	77-92-9

### 4. FIRST AID MEASURES

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**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Get medical attention immediately if irritation (redness, rash, blistering) develops and persists. Wash affected areas with plenty of water.

**INGESTION:** Drink plenty of water. Do not induce vomiting. Consult a physician if necessary.

**INHALATION:** Remove to fresh air.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** Repeated or prolonged skin contact may result in dermatitis. Prolonged or repeated eye contact may result in conjunctivitis. Long term oral overexposure may cause damage to tooth enamel.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water, water spray, dry powder, foam, carbon dioxide. Remove containers if possible. Cool container exposed to fire with water spray.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained breathing apparatus (SCBA) and turn-out gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides (CO, CO<sub>2</sub>).

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Sweep or vacuum into closed containers for disposal. Keep unnecessary personnel away. Dispose in compliance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Incompatible with strong bases and oxidizing agents.

**HANDLING:** Empty containers retain product residue and vapors. Observe all label precautions even after container is emptied. Do not reuse unless thoroughly cleaned.

**STORAGE:** Store in a cool dry place. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

#### OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Citric Acid (Eye Irritant 2A, H319)	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[2]	[2]

#### Footnotes:

1. 5 mg/m<sup>3</sup> (respirable dust)

2. Not established. Use TLV for Nuisance dusts of 5 mg/m<sup>3</sup>.

**ENGINEERING CONTROLS:** Provide adequate exhaust ventilation to control work place concentrations.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses recommended.

**SKIN:** Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**RESPIRATORY:** In dusty atmospheres use a NIOSH-approved dust respirator.

**PROTECTIVE CLOTHING:** Lightweight protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

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**ODOR:** None.

**APPEARANCE:** White powder.

**pH:** 1.80

**FLASHPOINT AND METHOD:** Not Applicable.

**LOWER EXPLOSION LIMIT:** 8 gm/FT3

**UPPER EXPLOSION LIMIT:** 65 gm/FT3

**AUTOIGNITION TEMPERATURE:** 345°C

**VAPOR PRESSURE:** Not volatile.

**VAPOR DENSITY:** Not Applicable

**BOILING POINT:** Not Established

**FREEZING POINT:** 153°C

**SOLUBILITY IN WATER:** 61.8% at 25 deg C in water

**EVAPORATION RATE:** Nil.

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid dust formation. Take precautionary measures against static discharges.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Thermal decomposition can lead to release of irritating gases and vapors.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None, if stored normally.

**INCOMPATIBLE MATERIALS:** Strong bases and oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**ORAL LD<sub>50</sub>:** 5040 mg/kg (mice)

**INHALATION LC<sub>50</sub>:** 885 mg/L (rat)

**SERIOUS EYE DAMAGE/IRRITATION:** Irritating to eyes and skin.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Toxic to fish.

#### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** 440-77 mg/L (goldfish)

**BIOACCUMULATION/ACCUMULATION:** None.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HEALTH HAZARDS:** Not considered hazardous.

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### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not considered hazardous.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

## 16. OTHER INFORMATION

Date Prepared: 12/07/2022

### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

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