



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

Product/Trade Name: 90-Day Algicide (LPA001-9, LPA003-12, LPA002-4, LPA05-1, LPA015-1, LPA55-1)

### 1.2 INTENDED USE OF THE PRODUCT

Swimming pool algicide

### 1.3 NAME, ADDRESS, TELEPHONE OF MANUFACTURER

Lo-Chlor LLC  
5841 Powerline Rd. Suite  
202 Fort Lauderdale, FL  
33309 954-491-9810  
lo-chlor.com

### 1.4 EMERGENCY TELEPHONE NUMBER

Emergency number: 1-800-424-9300

For chemical emergency, spill, leak, fire, exposure, or accident, call Chemtrec, day or night

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US)

Eye Irrit. 2A H319  
Aquatic Acute 1 H400  
Aquatic Chronic 1 H410

### Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)



#### Signal Word (GHS-US)

: Warning

#### Hazard Statements (GHS-US)

: H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

#### Precautionary Statements (GHS-U S)

: P264 - Wash hands, forearms and exposed areas thoroughly after handling  
P273 - Avoid release to the environment  
P280 - Wear eye protection, protective clothing, protective gloves  
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  
P391 - Collect spillage  
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations

### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

Name	Product identifier	% (w/w)	Classification (GHS-US)
Copper Triethanolamine	(CAS No) 31089-39-1	10	Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye irritation.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** None

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

## Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Protect product from freezing.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

### Specific End Use(s)

Swimming pool algicide.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Blue
Odor	: Slight
Odor Threshold	: Not available
pH	: 7.85 - 8.05
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: -5.6 °C (22 °F)
Boiling Point	: 100 °C (212 °F)
Flash Point	: Not available
Auto-ignition Temperature	: Not available



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: 1.08-1.11
Solubility	: Miscible
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

- Reactivity:** Hazardous reactions will not occur under normal conditions.
- Chemical Stability:** Stable under recommended handling and storage conditions (see Section 7).
- Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Incompatible materials.
- Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

- Acute Toxicity:** Not classified
- LD50 and LC50 Data:** Not available
- Skin Corrosion/Irritation:** Not classified
- pH:** 7.85 - 8.05
- Serious Eye Damage/Irritation:** Causes serious eye irritation.
- pH:** 7.85 - 8.05
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Teratogenicity:** Not available
- Carcinogenicity:** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Reproductive Toxicity:** Not classified
- Specific Target Organ Toxicity (Single Exposure):** Not classified
- Aspiration Hazard:** Not classified
- Symptoms/Injuries After Inhalation:** May cause respiratory irritation.
- Symptoms/Injuries After Skin Contact:** May cause skin irritation.
- Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.
- Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.
- Chronic Symptoms:** None expected under normal conditions of use.

### Information on Toxicological Effects - Ingredient(s)

- LD50 and LC50 Data:** Not available

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Very toxic to aquatic life with long lasting effects.

**Persistence and Degradability** Not available

**Bioaccumulative Potential** Not available

**Mobility in Soil** Not available



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

## Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 In Accordance with DOT

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper Triethanolamine)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Label Codes** : 9  
**Packing Group** : III  
**Marine Pollutant** : Marine pollutant  
**Reportable Quantity** : 5000 lbs (2267.962 kg)  
**ERG Number** : 171



### 14.2 In Accordance with IMDG

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper Triethanolamine)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Packing Group** : III  
**Label Codes** : 9  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-F  
**Reportable Quantity** : 5000 lbs (2267.962 kg)



### 14.3 In Accordance with IATA

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper Triethanolamine)  
**Packing Group** : III  
**Identification Number** : UN3082  
**Hazard Class** : 9  
**Label Codes** : 9  
**ERG Code (IATA)** : 9L  
**Reportable Quantity** : 5000 lbs (2267.962 kg)



### 14.4 In Accordance with TDG

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper Triethanolamine)  
**Packing Group** : III  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Label Codes** : 9  
**Marine Pollutant (TDG)** : Marine pollutant  
**Reportable Quantity** : 5000 lbs (2267.962 kg)



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

KEEP OUT OF REACH OF CHILDREN



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed.

Causes moderate eye irritation.

Avoid contact with eyes or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Remove contaminated clothing and wash clothing before reuse.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff.

Do not contaminate water when disposing of equipment wash waters or rinsate.

## STORAGE AND DISPOSAL

Store in original container, tightly closed in a cool, dry place out of the reach of children and persons unfamiliar with its use.

Do not store in direct sunlight.

### US State Regulations

Neither this product nor its chemical components appear on any US state lists.

### Canadian Regulations

<b>Pool Algicide</b>	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects: Skin/Eye Irritation-Reversible Damage

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** 05/22/2015

**Other Information** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

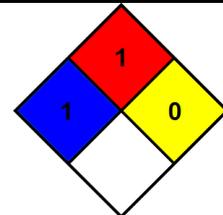
### GHS Full Text Phrases:

Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

**NFPA Health Hazard** : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

**NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.

**NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

**Health** : 1 Slight Hazard - Irritation or minor reversible injury possible

**Flammability** : 1 Slight Hazard

**Physical** : 0 Minimal Hazard



# 90-Day Algicide Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200

April 29, 2025

---

## Party Responsible for the Preparation of This Document

Lo-Chlor LLC  
5841 Powerline Rd. Suite 202  
Fort Lauderdale, FL 33309  
954-491-9810

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS