SAFETY DATA SHEET

Date Issued : 01/16/2023
SDS No. : Clearwater Algaecide 60

Clear Water Algaecide 60%

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Water Algaecide 60%
GENERAL USE: Algaecide
ACTIVE INGREDIENT(S): Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]

DISTRIBUTOR

Clearwater Pools, Spas & Supplies, LLC.
4001 Hwy. 190 E. Service Rd.
Covington, LA 70433
Emergency Phone: (985) 966-5652

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4

Environmental:

Aquatic Toxicity, Acute 1

GHS LABEL

This material is considered hazardous under OSHA regulations.


Exclamation mark


Environment

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H302: Harmful if swallowed.
H400: Very toxic to aquatic life.

PRECAUTIONARY STATEMENT(S)

Prevention:

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P330: Rinse mouth.
P391: Collect spillage.

Disposal:

789508DQ: Dispose of contents/container to comply with local, state and federal regulations.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: Prolonged or repeated contact may cause skin irritation.

INGESTION: Harmful if swallowed. If medical advice is needed, have product container or label at hand.

CARCINOGENICITY: Not listed by NTP, IARC or OSHA.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	60	31512-74-0

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4. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. See a doctor immediately.

SKIN: Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING. Give a glass of water or milk to drink. Call a physician or poison control immediately. Never give anything by mouth to an unconscious person.

INHALATION: Immediately move person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek immediate medical treatment.

NOTES TO PHYSICIAN: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Nonflammable

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

COMMENTS: Material will not burn.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. This material will sink and is soluable/dispersable. It is probably not recoverable.

GENERAL PROCEDURES: Avoid release to the environment. This product is toxic to fish and aquatic organisms. Do not discharge into effluent containing this product into lakes, streams, ponds or estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharging. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, call your State Water Board Authority or Regional Office of EPA.

RELEASE NOTES: Notify the authorities.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate protective equipment and clothing during clean-up.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry, well-ventilated area away from incompatible materials.

STORAGE PRESSURE: Atmospheric

COMMENTS: Do not reuse empty containers without commercial cleaning or reconditioning. Empty containers retain product residue, (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Spills must be absorbed with sawdust or sand and disposed of in a sanitary landfill. Leaking or damaged drums must be placed in overpack drums for disposal. Do not stack drums more than 4 drums high.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	**OSHA PEL**	**TWA**	[1]	[1]
	ACGIH TLV	**TWA**	[1]	[1]

Footnotes:
1. Not established.

ENGINEERING CONTROLS: Ventilation should be provided to control worker exposures and prevent health risks and as necessary to reduce, prevent and control dust, mist, vapor or aerosol generation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical safety goggles.

SKIN: Impervious gloves.

RESPIRATORY: None normally required.

PROTECTIVE CLOTHING: Body protective clothing and shoes.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practices.

OTHER USE PRECAUTIONS: Facities storing or utilizing this material should be equipped with an eyewash station and safety shower.

COMMENTS: Use adequate ventilation to keep airborne concentrations low.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

APPEARANCE: Amber / Yellow

pH: 6.0 to 8.0

PERCENT VOLATILE: 40

FLASHPOINT AND METHOD: > (212°F) COC (Cleveland Open Cup)

LOWER EXPLOSION LIMIT: N/A

UPPER EXPLOSION LIMIT: N/A

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: > 100°C (212°F)

FREEZING POINT: < 0°C (32°F)

DECOMPOSITION TEMPERATURE: Not Available

SOLUBILITY IN WATER: Soluble at 25.0 C (77.0 F)

EVAPORATION RATE: Not Available

DENSITY: 9.6 - 9.8 lbs/gal at 25.0°C (77.0°F)

SPECIFIC GRAVITY: 1.5 to 1.7

VISCOSITY #1: < 125 CPS at 25°C (77°F)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD_{50}: > 2000 mg/kg - Rabbit

ORAL LD_{50}: 1850 mg/kg - Rat

INHALATION LC_{50}: 2.9 mg/L (4 hour - rat)

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE):

LC50 = 44.00 UG/l - 48 hours (Rainbow trout)
LC50 = 660.0 UG/l - 24 hours (Harlequinfish)
LC50 = 3350 UG/l - 48 hours (Channel catfish)
LC50 = 60,000 UG/l - 48 hours (Zebra mussel)

LC50 = 218.0 UG/l 48 hours (Water Flea)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

RCRA/EPA WASTE INFORMATION: This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

GENERAL COMMENTS: Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained and properly bunged, then promptly returned to a drum reconditioner, or properly disposed of.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No components of this product are present above the de minimus levels.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components of this product may not be listed in the TSCA Inventory. EPA registered pesticides are exempt from the requirements of TSCA.

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

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Below you will find the hazard information that is required on the EPA pesticide label.

GENERAL COMMENTS: HAZARD INFO FOUND ON EPA LABEL 46043-4:

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CAUTION.

Harmful if swallowed or absorbed through skin.

Causes moderate eye irritation.

Toxic to fish.

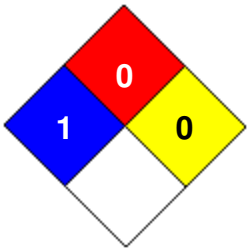
16. OTHER INFORMATION

Date Prepared: 01/16/2023

HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA CODES



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