

SAFETY DATA SHEET

Date issued : 06/12/2024

SDS number : Regal ALG OUT 40 - Canada

Regal ALG OUT 40

1. Identification

Product identifier: Regal ALG OUT 40**Active ingredient(s):** Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]**Relevant identified uses:** Algaecide**Distributor**

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

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Acute Toxicity (Oral), Category 4

Environmental hazards:

Aquatic Toxicity, Category 1

Label elementsExclamation
mark

Environment

Signal word: WARNING**Hazard statement(s)**

H302: Harmful if swallowed.

H400: Very toxic to aquatic life.

Precautionary statement(s)**Prevention:**

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

Response:

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.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	30	31512-74-0

4. First-aid measures

Eye: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

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Skin: Wash with soap and water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation develops or persists.

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: If breathing is difficult, remove to fresh air and give oxygen. Keep victim at rest in a position comfortable for breathing. If NOT BREATHING, call 911 or an ambulance, then give artificial respiration.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically and supportively.

5. Fire-fighting measures

Flammable class: Nonflammable

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Other considerations: Material will not burn.

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

Hazardous decomposition products: Carbon monoxide may be formed upon burning.

6. Accidental release measures

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.

Special protective equipment: Wear appropriate gloves to prevent skin exposure and chemical splash goggles.

Comments: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and storage

General procedures: Do not contaminate water, food or feed by storage or disposal.

Conditions for safe 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. 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

Exposure controls

Control parameters				
		Occupational exposure limit values		
Chemical name	Type	ppm	mg/m ³	
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[1]	[1]
Footnotes:				
1. Not established.				

Appropriate engineering controls: Local exhaust.

Individual protection measures, such as personal protective equipment

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Eye / face protection: Wear chemical safety goggles.**Skin protection - hand protection:** Impervious gloves.**Respiratory protection:** None normally required.**Skin protection - other:** Body protective clothing and shoes.**Occupational hygiene practices:** Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practices.**Other use precautions:** Facilities 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**Appearance:** Blue liquid.**Odor:** Mild.**pH:** 6.0 to 8.0**Freezing point:** 0°C (32°F)**Initial boiling point and boiling range:** > 100°C (212°F)**Flash point:** Not Available**Evaporation rate (n-butyl acetate = 1):** Not Available**Lower explosion limit / flammability limit:** 0**Upper explosion limit / flammability limit:** 0**Vapor pressure:** Not Available**Relative vapor density:** 1.15 g/cm³**Density:** 8.8 - 9.1 lbs/gal at 25°C (77°F)**Relative density:** 1.06 to 1.1**Solubility:** Soluble at 25.0 C (77.0 F)

10. Stability and reactivity

Dangerous polymerization: Will not occur.**Chemical stability:** Stable under normal conditions.**Hazardous decomposition products:** None known.**Incompatible materials:** None known.

11. Toxicological information

Acute toxicity**Acute dermal toxicity LD₅₀:** > 2000 mg/kg - Rabbit**Acute oral toxicity LD₅₀:** 1850 g/kg (rat)**Acute inhalation toxicity LC₅₀:** 2.9 mg/L (4 hour - rat)**Comments:** Data provided is for neat product.

12. Ecological information

Aquatic toxicity, both acute and chronic:

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)

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

Comments: Data provided is for neat product.

13. Disposal considerations

Disposal methods: 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

USA Department of Transport Regulations (DOT)**UN proper shipping name:** Not Regulated.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories**CERCLA Hazardous Substances and Reportable Quantities (RQ)****CERCLA regulatory:** No components of this product are present above the de minimus levels.**TSCA (The Toxic Substances 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 46043-24:**

CAUTION.

Harmful if swallowed.

Toxic to fish and aquatic organisms.

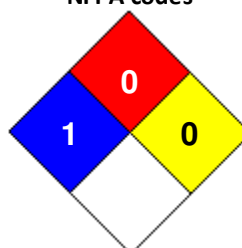
16. Other information

Date Prepared: 06/12/2024

HMIS rating

Health	<input type="checkbox"/>	1
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	

NFPA codes

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