

54614-12

10/12/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510-C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

54614-12

Date of Issuance:

Oct. 12, 2001

Term of Issuance: Conditional

Name of Pesticide Product: Super Algyzine

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Edward W. Lyle, Regulatory Consultant  
Authorized Agent for Purity Water Treatment Products  
1805 45th Street, N.W.  
Washington, D.C. 20007-2070

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the revised final printed label for the record changing the EPA File symbol 54614-RE to EPA Registration Number 54614-12.
3. Line up under the list of ingredients and add the phrase Total .....100%.
4. All instances of the word "should" in the Directions for Use must be replaced with the word "must".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Robert S. Brennis, Product Manager - 32  
Regulatory Management Branch II

Date:

OCT 12 2001

**SUPER ALGYZINE**

**ACTIVE INGREDIENTS:**

Poly[oxyethylene(dimethyliminio)ethylene . . . . . 30.0%  
(dimethyliminio)ethylene dichloride]

INERT INGREDIENTS . . . . . 70.0%  
TOTAL - - - - - 100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

**IF SWALLOWED:**

- \* Call a poison control center or doctor immediately for treatment advice.
- \* Have a person sip a glass of water if able to swallow.
- \* Do not induce vomiting unless told to do so by a poison control center or doctor.
- \* Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:**

- \* Take off contaminated clothing.
- \* Rinse skin immediately with plenty of water for 15-20 minutes.
- \* Call a poison control center or doctor for treatment advice.

**IF INHALED:**

- \* Move person to fresh air.
- \* If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- \* Call a poison control center or doctor for further treatment advice.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

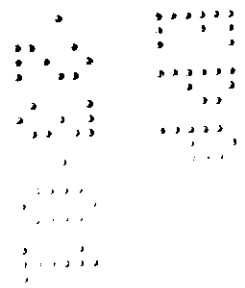
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**OCT 12 2001**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.**

**54614-12**



**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers and cooling systems. Prior to its use, systems must be cleaned to remove algae growth, microbiological slime, and other deposits. An initial slug addition of 1.90 to 4.75 fluid ounces of this product per 1000 gallons of water to provide a concentration of 16 to 40 parts per million of this product based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 0.47 to 4.75 fluid ounces of this product per 1000 gallons of water (4 to 40 parts per million of this product) <sup>must</sup> should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers. This product is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems <sup>must</sup> should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 7.1 to 11.9 fluid ounces of this product per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 4.8 to 11.9 fluid ounces of this product per 1000 gallons of water <sup>must</sup> should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug addition may be made to the sump or to the water collection trays of the airwash system.

This product is used to control the <sup>must</sup> growth of algae in decorative fountains, which do not contain fish. For maximum effectiveness, decorative fountains <sup>must</sup> should be cleaned prior to using this product. Decorative fountains having just visible algae growth requires an initial dose of 2 to 4 fluid ounces of this product per 1000 gallons of water. For treatment of a freshly cleaned decorative fountain, add initially 1 to 2 fluid ounces of this product per 1000 gallons of water. Subsequent additions of 0.5 to 0.8 fluid ounces of this product <sup>must</sup> should be made every 5 to 7 days after initial treatment for maintenance.

This product is used to control the growth of algae in swimming pools, exterior spas, whirlpools, hot tubs, decorative fountains and ponds that do not contain fish. For maximum effectiveness pools, spas, whirlpools, hot tubs, decorative fountains, and ponds containing heavy grow of algae <sup>must</sup> should be cleaned prior to using this product. For pools having just visible algae growth add an initial dose of 24 to 36 fluid ounces of this product per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool, add initially 13 to 24 fluid ounces of this product per 10,000 gallons of water. Subsequent additions of 4 to 9 fluid ounces of this product should be made every 5 to 7 days after initial treatment for maintenance.

Spas, whirlpools, hot tubs, decorative fountains, and ponds having just visible algae growth require an initial dose of 2 to 4 ounces of this product per 1000 gallons of water. Subsequent additions of 0.5 to 0.8 fluid ounces of this product <sup>must</sup> should be made every 5 to 7 days after initial treatment for maintenance.

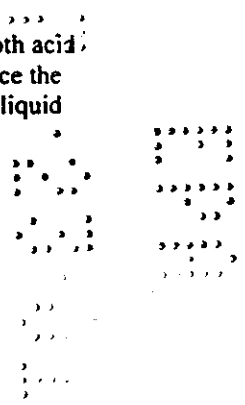
This product <sup>must</sup> will prevent growth of most algae during the off-season winter months when pools are not in use. For pools which have been properly treated during the swimming season and are free of visible algae, add 13 to 21 fluid ounces of algacide per 10,000 gallons of water. If at the end of swimming season pools have some visible algae growth, add 25 to 37 fluid ounces per 10,000 gallons. It is necessary that a uniform distribution of algacide, throughout the water and the pool be made for maximum effectiveness. If pool is not covered, it may be necessary to repeat the treatment one or more times during the season.

This product is compatible with those chemicals normally used to treat pools and spas and it effective at both acid and alkaline pH. This product can be used in pools and spas treated with chlorine chemicals and may reduce the amount of those chemicals normally required. <sup>ACCEPTED</sup> Do not mix this product with concentrated dry or liquid chlorine products.

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**STORAGE AND DISPOSAL**

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

STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**HMIS/NPCA RATING**

Health 1 Flammability 1 Reactivity 1

**NET CONTENTS:**

EPA REG. NO. 54614-\_\_\_\_\_  
EPA EST. NO. \_\_\_\_\_

**PURITY WATER TREATMENT PRODUCTS, INC.**

13450 - 76th Avenue  
Surrey, B.C. V3W 7P8  
Canada

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