

88999-2

09/14/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Registration Number:
88999-2

Date of Issuance:
SEP 14 2012

Term of Issuance:
Unconditional

Name of Pesticide Product:
Algaecide

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Norther Biotechnologies, LLC
3820 Ohio Ave, Ste 8-9
St. Charles, IL 60174

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to 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 (OPP Decision No. D-403010) is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the "EPA Registration Symbol to read, "EPA Reg. No. 88999-2".
 - b. Delete the claim, Advanced Formula, under the product name because it implies heightened efficacy.

Signature of Approving Official:

Jacqueline Campbell
Jacqueline Campbell
Product Manager Team-34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

SEP 14 2012

- c. Revise the 3rd statement under "Spa and Pool Maintenance Tips" on page 2 by deleting the phrase, "is recommended," and state "use a water clarifer."
- d. Since this product is sold in containers greater than 5 gallons, the following NPDES statement must be added to the Environmental Hazards section on page 3:

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, 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 discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
- e. Revise the Pesticide Disposal statement to read "Wastes resulting from the use of this product must be disposed of on site or at an approved waste facility."
- f. Add the subheading, "Container Handling," under the "Storage and Disposal" section. It must precede the "If empty" instructions.

3. Submit a 1 year storage stability and corrosion characteristic study following OPPTS 830.6317 and 830.6320 guidelines one year from the date of this notice.

4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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. Should you have any questions regarding this letter, please contact Glen McLeod by telephone at (703) 347-0181 or by email at mcleod.glen@epa.gov.

Sincerely,

Jacqueline Campbell
Product Manager (34)
Regulatory Management Branch II
Antimicrobial Division (7510P)

SYMBOL							
SURNAME							
DATE	Enclosure	Stamped Label	w/ Conditions				

ALGAECIDE

For Prevention and Treatment of Pool, Pond and Fountain Algae
Non Foaming * ~~Advanced Formula~~

Active Ingredient:	
Poly(oxyethylene) (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride.....	6.00%
Other Ingredients.....	94.00%
Total.....	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

NET CONTENTS:

4 oz., 8 oz., 1 pt. (16 oz.), 1 qt. (32 oz.), 1/2 gal. (64 oz.), 1 gal., or 2.5 gals.

FIRST AID

If Swallowed:

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

If in Eyes:

- Hold eye 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 further treatment advice.

If on Skin, Clothes:

- 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 treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after use.

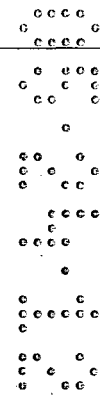
PHYSICAL OR CHEMICAL HAZARDS:

Mildly corrosive. Do not mix with acids, ammonia, oxidizers, bleach or other household chemicals.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 14 2012

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

88999-2



DIRECTIONS FOR USE

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

The presence of algae in swimming pools is objectionable and can be difficult to remove. **Algaecide** helps prevent the growth of chlorine-resistant algae, (such as mustard and "black"-algae). It also acts as an added defense against algae due to low chlorination periods. Once started, algae greatly increases chlorine demand and the associated increased cost.

Spa Maintenance Tips:

In order to insure the maximum effectiveness of **Algaecide** super-chlorinate with sufficient chlorinating product to produce a chlorine reading of 5 to 10 ppm. Remove all debris from the water by sweeping and filtering or vacuuming. In order to aid in the removal of the very fine particles resulting from the affected algae, ~~the use of a water clarifier is recommended.~~ Always maintain pH at 7.2 to 7.6 and a free chlorine residual of 2 to 3 ppm using a reliable test kit.

Pool Maintenance Tips:

In order to insure the maximum effectiveness of super-chlorinate with sufficient chlorinating product to a chlorine of 5 ppm. Remove all debris from the water by vacuuming or sweeping and filtering. In order to aid in the removal of the very fine particles resulting from the affected algae, ~~the use of a water clarifier is recommended.~~ Always maintain pH at 7.2 to 7.6 and a free chlorine residual of 1 to 2 ppm using a reliable test kit.

Freshly Filled and/or Algae-Free Spas:

Add 3 to 5 ounces of **Algaecide** per 500 gallons of water. Add 1 to 3 ounces weekly as a maintenance dose to prevent the growth of algae.

Visible Algae Growth:

Add an initial dose of 5 to 8 ounces of **Algaecide** per 500 gallons of water. Thereafter add 1 to 3 ounces (per 500 gallons) weekly to prevent re-growth of algae.

Freshly Riled and/or Algae-Free Swimming Pools:

Add 69 to 97 ounces of **Algaecide** per 10,000 gallons of pool water. Add 24 to 48 ounces (per 10,000 gallons) weekly as a maintenance dose to prevent algae growth through the swimming season.

Visible Algae Growth:

Add an initial dose of 97 to 150 ounces of **Algaecide** per 10,000 gallons of water to rid the water of algae. Thereafter add 24 to 48 ounces (per 10,000 gallons) weekly during the swimming season to prevent the re-growth of algae

ORNAMENTAL POND TREATMENT:

Effectively controls many types of green or green water algae, string or hair algae and blanket weed in ponds that contain live plants. Controls existing algae and helps resolve additional algae blooms. Keeps ornamental ponds and water gardens clean & clear. Can be used in ponds with fish and plants. Add 1 teaspoon (5 ml) of **Algaecide** for every 50 gallons (190 L) of pond/fountain water. Thoroughly mix **Algaecide** into pond/fountain by adding near the pump outflow, water-fall, or aeration device. **Algaecide** can be mixed in a bucket if pond/fountain water. Repeat dose every three days until algae

is controlled. Be prepared to siphon out dead filamentous algae. Once algae growth is under control, add one dose every 5 days. Weekly doses of **Algaecide** will control growth and reduce pond/fountain maintenance. Caution: Do not use **Algaecide** crustaceans, including; crabs, shrimps, freshwater shrimp and freshwater lobsters.

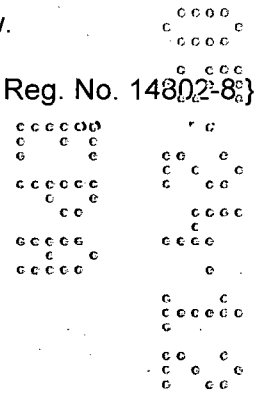
Warm Weather Caution: Before using **Algaecide**, make certain that the pond has vigorous aeration - i.e., a fountain, waterfall, or aeration device to avoid fish loss due to low oxygen levels. When algae is removed by the filter or settles to the bottom of the pond/fountain, the oxygen level may drop to a harmful level if adequate aeration is not provided. Therefore, when using **Algaecide** during warm summer months, adequate aeration is required. Do not shut pond pumps and aeration devices off at night.

Compatibility: **Algaecide** can be used in ponds with live plants. Do not use with crustaceans, including crabs, shrimp and freshwater lobsters.

For ornamental pond use only where all water is contained without any out flow.

{Additional optional label claims from similar product **Algae Clean Out_w**, EPA Reg. No. 14802-8}

- No more Green Water
- Controls String Algae
- No More Algae Growth
- Will Not Harm Fish and Live Ornamental Plants
- Controls Algae in atriums and containerized ponds and fountains
- Stops Algae Growth
- Eliminates existing algae growth
- Helps to control future algae growth
- This product will not cloud water
- Fast Acting
- Complete Algae Removal
- Promotes clear water
- Clears green water rapidly
- Easy to use
- User friendly
- Can be used with clarifiers
- Can be used with pond dyes
- Ends algae blooms
- Effective against green water
- Effective against string algae
- Combats string algae
- Combats algae blooms
- Combats green water
- Helps win the algae battle
- Does not contain copper
- Does not discolor pond [pool] water
- Does not affect pH
- Controls algae in koi/goldfish ponds
- For use in ponds [fountains]
- Reduces ponds [fountains] maintenance
- Eases ponds [fountains] maintenance
- Controls many types of algae in [ponds] [fountains] [pools]



ENVIRONMENTAL HAZARDS: This product is toxic to fish.

STORAGE AND DISPOSAL:

STORAGE: Keep product in tightly closed container when not in use. Store in cool dry well ventilated areas away from heat or open flame.

DISPOSAL: **If empty:** Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drains.

EPA Reg. No. 88999-E
EPA Est. No. 88999-IL-01

Mfg. by:
Northern Biotechnologies LLC
St. Charles IL, 60174

Made in USA

