



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 25, 2018

Abigail T.D. Wacek
Regulatory Consultant to
Aquagenics Technologies, Inc.
DBA Northern Biotechnologies LLC
2764 Golfview Drive
Naperville, IL 60540

Subject: Notification per PRN 98-10 – *Correct typos, update company name, include table dilution rates, update environmental hazards statement*
Product Name: **Algaecide**
EPA Registration Number: 88999-2
Application Date: 12/21/17
Decision Number: 538292

Dear Ms. Wacek:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact Stacey Grigsby by phone at 703.305.6440, or via email at grigsby.stacey@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Stacey Grigsby
Regulatory Risk Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

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 Ingredients94.00%
Total100.00%

KEEP OUT OF REACH OF CHILDREN

NOTIFICATION

88999-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

01/25/2018

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.

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-Filled** 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 and reduce pond/fountain maintenance. Caution: Do not use **Algaecide** crustaceans, including; crabs, shrimps, freshwater shrimp and freshwater lobsters.

Volume of Water	Unit of Measure
10 Gal./38L	1 ml 1/5 tsp
50 Gal./190L	5 ml 1 tsp
100 Gal./380L	10 ml 2 tsp
300 Gal./1140L	30 ml 2tbsp

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 outflow.

{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 pesticide is toxic to fish, aquatic invertebrates, and claims. 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 Pollution 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.

~~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.

PESTICIDE DISPOSAL and CONTAINER HANDLING: **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-~~2E~~
EPA Est. No. 88999-IL-01

Mfg. by:
~~Northern Biotechnologies LLC~~ Aquagenics Technologies Inc.
~~St. Charles IL, 60174~~ 2764 Golfview Drive
Naperville, IL 60540

Made in USA