



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 24, 2017

Mr. Mark Jernigan  
Registration Manager for,  
Aqua Clear Industries, LLC  
Regulatory Affairs Department  
Post Office Box 2456  
Suwanee, GA 30024

Subject: Notification per PRN 98-10 – To add additional marketing statements  
Product Name: Aqua Clear Alginate  
EPA Registration Number: 45309-18  
Application Date: May 12, 2017  
Decision Number: 529459

Dear Mr. Jernigan:

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, you may contact Karen M. Leavy at (703)-308-6237 or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff". The signature is written in a cursive style with a large, stylized initial "E".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

*{All text in brackets [xxx] is optional and may or may not be included on a final label.}*  
*{All text in braces {xxx} is administrative and will not appear on a final label.}*

**AQUA CLEAR ALGINATE**

ACTIVE INGREDIENT:

Alkyl [50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>]

Dimethyl Benzyl Ammonium Chloride

50.0%

OTHER INGREDIENT:

50.0%

TOTAL INGREDIENTS:

100.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

See [back] [side] panel for First Aid and additional Precautionary Statements. *{If First Aid appears on back or side panel}*

See [back] [side] panel for additional Precautionary Statements. *{If First Aid appears on front panel}*

MANUFACTURED FOR:

Aqua Clear Industries, LLC

PO Box 2456

Suwanee, GA 30024

**NOTIFICATION**

45309-18

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:

05/24/2017

NET CONTENTS:

EPA REG. NO. 45309-18

EPA EST. NO. 5185-GA-1 [(BL)] {or} [(Z)]

7616-CA-1 [(C)]

*{If multiple EPA Establishment Numbers appear on the label.}*

[Actual establishment shown in code above or below label printed on [bottle] [container]]

[Letter designation in lot code printed above or below on [bottle] [container] identifies actual establishment.]

[Controls Growth of Algae in Swimming Pools]  
[Concentrated Formula Controls most Forms of Swimming Pool Algae]  
[50% Active Ingredient]  
[Helps Control Green Water due to Algae]  
[For all Gunite and Vinyl Lined Pools]

[Non-Foaming\*\*]  
[Non-Foaming Formula\*\*]  
[Does Not Foam\*\*]  
[Controls Algae without producing foam\*\*]  
[Controls Algae without creating foam problems\*\*]  
[Use where foam is a concern\*\*\*]  
[\*\*When used as directed. Not for use in pools with water features or attached spas.]  
[\*\*\*Use as directed. Not for use in pools with water features or attached spas.]

[Highly effective algae preventative [and algae killer]]  
[Keeps pool water clear and free of visible algae]  
[For swimming pool use]  
[Not for use in ponds or fountains]  
[Kills Green Algae without creating foam problems]  
[Effective [Kill] [and] [Preventative] Treatment]  
[Effective in controlling the growth of Green Algae [and [Blue-Green] [Black<sup>†</sup>] Algae]]  
[Prevents [Green] Algae Growth]  
[Prevents and Controls [Green] Algae Growth]  
[Reduces growth of green and blue-green algae in pools over the winter months]  
[Reduces growth of green algae in pools during the winter]  
[Reduces growth of [Green] [and] [Blue-Green] [Black<sup>†</sup>] Algae]  
[[Green] algae control for [in-ground] [and] [above ground] [pools]]  
[For use in all pool types]  
[Use in [in-ground][and][above ground] pools]  
[Suitable for All Pool Types]  
[Kills [Green] algae]  
[Controls [Green] algae]  
[Keeps water clear and free of visible [green] algae]  
[For treatment of green algae]  
[For green algae]  
[For fast [Green] algae control]  
[For control of algae growth]  
[Algae Preventer]  
[Effective both as a preventative and as a corrective treatment on most forms of algae]  
[Efficient, economical and stable in use dilution]  
[Economical 50% algae preventative]  
[Weekly use prevents algae growth]  
[Suitable for opening pools]  
[Suitable for closing your pool]  
[Suitable for pool [opening] [and] [closing]]  
[Winter Algae Preventative]  
[Great for Winterizing]  
[Effective Winterizer]

[Swimming Pool [Algaecide] [Algicide]]  
[A Swimming Pool [Algaecide] [Algicide]]  
[Algae Inhibitor and Preventative]  
[A BioGuard Pool Care Product]  
[For All Gunite and Vinyl lined pools]  
[Effective in plaster and vinyl pools]  
[Can be used in Salt Pools]  
[Compatible with Salt Pools]  
[Step 4 Algae Control and Prevention]  
[Step 4]  
[4 Algaecide]  
[Step 3] {Algicides are marketed as step three of a three step program to treat swimming pool water for BioGuard brand.}  
[Step 3 of the 3 Step System]  
[Once-A-Week premium application]  
[A BioGuard® Pool Care Product]  
[Will not Stain]  
[Easy to Use]  
[Treats up to 22,000 Gallons when Algae is Visible] {To only be used with gallon size.}  
[[Pour] [Add] directly in [to] pool [water]]  
[Made in USA]  
[Stops green algae [before it starts]]  
[For water that stays [clear] [&] [free of visible green algae]]  
[For use with all pool filter & surface types]  
[Easy 1 2 3 Pool Care Brand System]  
[Remedy for algae in pools]  
[When?] {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use.}  
[Use weekly]  
[Weekly use]  
[Use once a week]  
[1X a week]

[What?] {For use on front panel of label as header above/beside marketing statements}

[When?] [What kind of algae do you have? (x) green ( ) mustard<sup>††</sup> ( ) black<sup>†</sup>]

[Non-Staining]  
[[Green] Algae Killer and Preventative]  
[[Green] Algae Killer]  
[Kills and Prevents [Green] Algae]  
[Effective [Green] [Algae] [Kill] [and] [Preventative] Treatment]  
[Suitable for all Pools]  
[Suitable for pool surfaces]  
[Can be used in All Pools]  
[Fast Acting [Green] [Algae] [Kill] [and] [Preventative] Treatment]  
[As Needed]  
[Per Use Directions]

[Why?]{For use on front panel of label as header above/beside marketing statements chosen from accepted label text that relates to the consumer features and benefits of product}

[For small pools]

{The “Pool Essentials System” or “4-step System” box below may be placed on the label to allow easy product category identification by consumers.}

Pool Essentials System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	balance	chlorinate	shock	algaecide

4-step System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	1 balance	2 chlorinate	3 shock	4 algaecide

{Following chart is optional.}

<b>[Sanitizer</b>	Chlorine	Salt	Bromine]
<b>[Pool Type</b>	In ground	Above ground	Pop-Up]
<b>[Surface Type</b>	Aggregate	Concrete	Fiberglass
	Gunite	Plaster	Vinyl]
<b>[Filter Type</b>	D.E., Sand, Cartridge, Zeolite]		

[Once-A-Week\*]

[\*Approximate addition rate. Please refer to directions for use.]

[BioGuard Care System]

{The “BioGuard Care System” below may be placed on the label to allow easy product identification]

[BioGuard Care System ( ) Sanitizer ( ) Shock (X) [Algaecide][Algicide]]

[Step3] {Algicides are marketed as step three of a three step program to treat swimming pool water for BioGuard brand.}

[Step 5] {Algicides are marketed as step five of a five step program to treat swimming pool water for Pool Time brand.}

[Step 5 – Algicide]

[Salt pool compatible]

[<sup>†</sup> “Mustard algae” is a chlorine-resistant form of green algae (yellow-green to brown in color).]

[<sup>††</sup> “Black algae” are blue-green algae that forms in cracks and crevices of pool surfaces.]

*{Optional Marketing Statement A:}*

[SWIMMING POOL [ALGAECIDE] [ALGICIDE]]

[[Aqua Clear Alginate] *{or}* [This product] is the efficient and economical way to improve the appearance and cleanliness of your pool. It requires no special equipment for treating water and may be added directly to the pool or to the water circulating equipment.]

*{Optional Marketing Statement B:}*

SWIMMING POOL [ALGAECIDE] [ALGICIDE]

[[The BioGuard<sup>®</sup> Care System has three important parts that help you maintain crystal blue sparkling water.

- A sanitizer to control bacteria
- A shock to destroy [organic] contaminants \*\*\*\*\*
- A preventative [algaecide][algicide] to stop algae before it starts

All parts of the BioGuard Care System are vital to achieve beautiful water.]

[Aqua Clear Alginate]*{or}*[This product] is the preferred algae preventative for the BioGuard Care System. Weekly use of [Aqua Clear Alginate] *{or}*[this product] prevents algae before it starts. [[This product] *{or}* [Aqua Clear Alginate] is formulated to complement swimming pool sanitizers.] [This product] *{or}* [Aqua Clear Alginate] is a highly effective algae killer and algae preventative. The wetting agent in this product allows it to penetrate small crevices where algae are likely to form. [This product] *{or}* [Aqua Clear Alginate] is effective and non-staining when used as directed. [This product] *{or}* [Aqua Clear Alginate] provides a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear. This product protects the unattended pool from algae when you're away.]

[\*\*\*\*\* (such as [perspiration,] [sweat,] [suntan lotions,] [lotions,] [hair sprays,] [body oils,] [pee,] [urine,] [pet dander,] and [cosmetics])]

*{Optional Marketing Statement C:}*

SWIMMING POOL ALGAE PREVENTATIVE]

This product is formulated to complement swimming pool water being treated with the BioGuard SoftSwim System. It is effective against the growth of algae. The wetting agent in this product allows it to penetrate small crevices where algae are likely to form. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases. The residual effectiveness of this product tends to stabilize the total chemical treatment system. [This product may foam, therefore do not use it for spa treatment or in pools with attached spas or jetted returns.]

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**BEFORE YOU BEGIN:**

*{Reader's Note: If this registration is sold specifically for pools using a non-chlorine based sanitizer system (such as those using the sanitizer Poly (iminoimidocarbonyliminoimido hydrochloride, EPA Reg. # 69461-1), steps 2 & 4 are not applicable and will be omitted. Step number "3" will then become number "2".}*

1. Ensure all pool equipment is working properly. Clean or backwash the filter following manufacturer's directions.

[2. Adjust stabilizer levels to 30-50 ppm by adding Stabilizer.]

[3. Check water alkalinity, pH and calcium hardness with a test kit or test strip. Adjust alkalinity to 80-125 ppm for plaster pools, 125-150 ppm for vinyl or fiberglass pools by adding an alkalinity increaser. Adjust pH to 7.2 - 7.6 by adding a pH decreaser to lower pH, or by adding a pH increaser to raise pH. Adjust calcium hardness to 200-275 ppm for plaster pools, 175-225 ppm for vinyl or fiberglass pools by adding a calcium hardness increaser.]

[3. Adjust pH to between 7.2-7.6.]

[4. Check and adjust residual chlorine level to desirable range of 1-4 ppm.]

[Aqua Clear Alginate] {or} [This product] is effective in controlling the growth of both green algae and blue-green (or black) algae. Add [Aqua Clear Alginate] {or} [this product] directly to pool by pouring around entire outside perimeter of pool while filter and pump are in operation. To provide time for even distribution in the pool water, wait at least 15 minutes after application before entering pool.

**[Pools with Visible Algae:**

If algae are visible, use 13.5 fl oz of [Aqua Clear Alginate] {or} [this product] per 10,000 gallons [5 ppm active quaternary] of pool water. After 24 hours clean out dead, settled algae. If algae is still present, repeat dosage as necessary.]

**Pools with No Visible Algae:**

**Initial Application:** Add 6 fl oz of [Aqua Clear Alginate] {or} [this product] per 10,000 gallons of pool water [2 ppm active quaternary].

**Maintenance Application:** Add 1.5 fl oz of [Aqua Clear Alginate] {or} [this product] per 10,000 gallons of pool water [0.5 ppm active quaternary] every 5 - 7 days.

**Booster Application:** Add 1.5 fl oz of [Aqua Clear Alginate] {or} [this product] per 10,000 gallons of pool water when bather load is heavy or after prolonged rainfall.

**[To Close Pool:**

Add 10.5 fluid ounces per 10,000 gallons along pool edges and allow filter and pump to operate for 2-4 hours. This will provide 4 ppm active ingredient in the water. This will help control algae growth over the winter months and make for easier clean-up in the spring. [Visit [the Aqua Chem Web Site] {or} [www.aquachem.com] {or} [the Pool Time website] {or} [www.pooltime.com] for complete pool closing instructions.]] [Visit www.bioguard.com or consult your BioGuard dealer for complete pool closing instructions.]]



{Alternate directions for use}

[SWIMMING POOL [ALGAECIDE] [ALGICIDE]]

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Adjust pH to 7.2-7.6 [and free chlorine to 1-4 ppm] prior to use. Visit [website] for [free water analysis] [&] [personalized product and dosage recommendations].

**Use:** [Prevents & kills] {or} [Kills and prevents] common green algae for clear water.

<b>Dosage per 10,000 gallons</b>	<b>When/How to Use</b>
6 fl. oz.	<b>Season Start-up Prevention Dose</b> Add along pool edges while operating filter and pump.
1.5 fl. oz.	<b>Weekly Prevention</b> Add weekly while operating filter and pump.
13.5 fl. oz.	<b>To Kill Green Algae</b> <ol style="list-style-type: none"><li>1. Add algaecide in areas of heaviest algae growth, operate filter and pump for 24 [hrs] [hours].</li><li>2. After 24[hrs] [hours], brush surfaces and vacuum out dead, settled algae.</li></ol>

**Re-entry:** Wait at least 15 minutes after use before swimming.

**For best results:** Add an extra 1.5 fl. oz. per 10,000 gallons after heavy rain, frequent backwashing, or partial drain/refill. Make sure to brush surfaces on a weekly basis.

**[To Close Pool:** Add 10.5 fl. oz. per 10,000 gallons then operate pump and filter for at least 2-4 [hrs] [hours]. Visit [website] for pool closing instructions.]

*{Alternate directions for use in Small Pools}*

## SWIMMING POOL [ALGAECIDE] [ALGICIDE]

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Test and balance water prior to use. Adjust pH to 7.2-7.6 [and free chlorine to 1-4 ppm]. Visit [website] for [free water analysis][&] [personalized product and dosage recommendations].

**Use:** Kills [and prevents] common green algae for clear water.

### **To Kill Green Algae**

1. Add 8 [tsp] [teaspoons] per 1,000 gallons in areas of heaviest algae growth, leave pump on for 24 [hrs] [hours]
2. After 24 [hrs] [hours], brush surfaces and vacuum out dead, settled algae

### **[To Prevent Green Algae**

1. Add 4 [tsp] [teaspoons] per 1,000 gallons at season start-up with pump on.
2. Then add 1 [tsp] [teaspoons] per 1,000 gallons weekly with pump on.]

**[For best preventative results:** Brush surfaces on a weekly basis and add an extra 1 [tsp] [teaspoon] per 1,000 gallons after heavy rain [and during high temperatures.]]

**Re-entry:** Wait at least 15 minutes after use before swimming.

**STORAGE AND DISPOSAL:** Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food, or feed by storage and disposal. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

#### **PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS KEEP OUT OF REACH OF CHILDREN. DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses, rubber gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

*{When First Aid is not located on front panel of label, it will be separated by line rules from adjacent text and be in a different color.}*

**FIRST AID: 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 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 treatment advice. **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.

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [1-866-366-5048] [telephone number supplied by supplemental registrant].]**

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not mix with other chemicals.

**ENVIRONMENTAL HAZARDS** This pesticide is toxic to fish and aquatic invertebrates.

[NOTE: User assumes all responsibility for use not in accordance with directions.]

[NOTE: Any questions or comments about Aqua Chem Products?]

[In the continental U.S. call 1-800-252-POOL (7665). Ask for your free pool care booklet.]

[Questions or comments call 1-800-252-POOL (7665).]

[[Questions?] [Pool Care Tips?] [1-800-SOS-POOL]]

[Visit Aqua Chem's Internet Web Site at <http://www.aquachem.com>]

[Visit PoolTime's Internet Web Site at <http://www.pooltime.com>]

[Visit Brand Name's Internet Web Site at <http://www.brandname.com>]

[Optional Graphics]

