

33068-3

4/3/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

April 3, 2014

Patti Golick  
Aquashade  
c/o Lonza, Inc.  
90 Boroline Road  
Allendale, NJ 07401

Subject: Notification per PR Notice 98-10 (marketing claims)  
Aquashade-Plus  
EPA Reg. No. 33068-3  
Application Dated March 13, 2014

Dear Ms. Golick:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product. Our review of this request finds that the action falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and placed in our records.

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov).

Sincerely,

*Mindy Ondish, for*

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

<p><b>EPA</b> United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number <b>33068-3</b>	2. EPA Product Manager <b>Kathryn Montague</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Aquashade-Plus</b>	PM# <b>23</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Aquashade - (AS IS NOW OWNED BY LONZA)</b> 90 Boroline Road Allendale, NJ 07401 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. Product Name	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**\*Not Subject to PRIA\***

**NOTIFICATION**

**Notification to add Notes to Reviewer. Please see cover letter for details.**

**APR 03 2014**

**Notification of Additional Brand Name per PR Notice 98-10**

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature:

Date: **3/13/14**

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <i>*Certification must be submitted</i>	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt.    No. per container	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container <b>Various</b>		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Patti Golick</b>	Title <b>Sr. Commercial Regulatory Services Associate</b>	Telephone No. (include Area Code) <b>201-310-9293</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title <b>Sr. Commercial Regulatory Services Associate</b>	
4. Typed Name <b>Patti Golick</b>	5. Date <b>3/13/14</b>	



[Items in brackets [AAA] are optional and may/may not be included on final label]  
{Items in braces {AAA} are for information purposes and will not appear on final label}

# AQUASHADE-PLUS

## ACTIVE INGREDIENTS:

Erioglaucline .....	30.45%
Tartrazine .....	2.45%
OTHER INGREDIENTS: .....	67.10%
TOTAL: .....	100.00%

Contains 2.92 lbs. of erioglaucline and 0.235 lbs. of tartrazine per gallon

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**NOTIFICATION  
APR 03 2014**

See precautionary statements and first aid on back panel.

### FIRST AID

**IF IN EYES:** Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call 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.


Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IN CASE OF EMERGENCY CALL: 1-800-654-6911**

NET CONTENTS: \_\_\_\_\_ GALLONS ( \_\_\_\_\_ Liters)

U.S. Pat. No. 4,042,367  
EPA Reg. No. 33068-3  
EPA Est. No. 42291-GA-1

MANUFACTURED BY:

 <p><b>applied biochemists</b></p> <p>GERMANTOWN, WISCONSIN 53022 1-800-558-5106 www.appliedbiochemists.com</p>
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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

**CAUTION:** May cause eye irritation. Avoid contact with eyes, skin, or clothing. Wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS:**

Shoreline non-target plants (e.g. cattails, water lilies) may suffer contact burn if product is applied directly to them.

**PHYSICAL AND CHEMICAL HAZARDS**

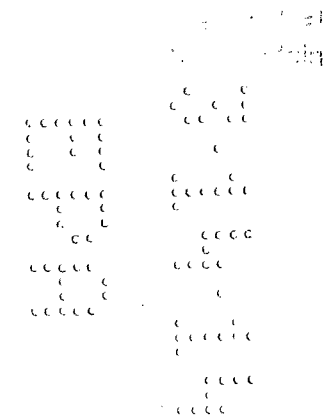
Color and effectiveness of Aquashade Plus will be lost in waters containing active chlorine residual such as treated swimming ponds, fountains and water features. Concentrated product can stain fabric and other porous surfaces. Avoid direct contact with these materials.

**PERMITS**

Some states require permits for application of this product to public waters or to bodies of water discharging into public waters. Check with your local authorities.

*{Note to reviewer: The following is considered optional marketing language.}*

- Concentrated Formula
- 2.4 [x] [times] more concentrated than Aquashade Aquatic Plant Growth Control
- Inhibits growth of underwater weeds
- Just pour it in around the shoreline
- 13 oz. per acre-ft (at 0.8ppm)
- Tints water a pleasing aqua-blue
- Once dispersed, water can be used for [swimming] [fishing] [irrigating] [and] [watering animals].



**DIRECTIONS FOR USE**

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

Do not apply directly to streams, other natural bodies of water, or any body of water not under total control of the user. Do not apply to water that will be used for human consumption.

**PRODUCT INFORMATION**

Aquashade-Plus contains a blend of blue and yellow dyes designed to absorb specific wavelengths of light critical to plant photosynthesis. Treated water will retain a light aqua-blue tint following application.

**WHERE TO USE**

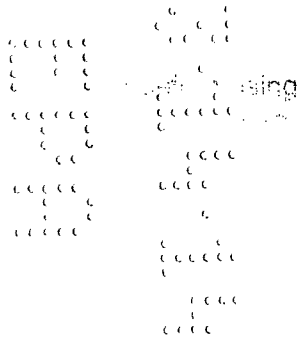
For use in natural and manmade contained lakes and ponds (ornamental, recreational, fish bearing or fish farming) with little or no outflow of water, golf course ponds, and watering turf.

**WHEN TO USE**

For best results, apply Aquashade-Plus as a pre-emergent (prior to plant germination) before the growing season. Aquashade-Plus may even be applied directly onto ice cover, (where applicable). Use during the growing season will suppress the rate and extent of underwater growth or algae bloom, but may not eliminate it. Aquashade-Plus has reduced effectiveness in waters less than 2 feet deep and on matured submersed aquatic plants. It does not control floating algae mats, free floating plants, or emergent (shoreline) vegetation. These plants can be physically removed or treated with an appropriate EPA registered aquatic herbicide or algaecide if more complete control is desired.

When using algaecides or aquatic herbicides, always follow label restrictions, precautions and directions for use.

Either allow at least one hour for Aquashade-Plus to disperse throughout the water body before using water for swimming, irrigation or livestock watering or avoid pouring concentrate within 50 ft. of these intake/use areas, allowing dye to self-disperse into them.



### HOW TO APPLY

Measure out required amount of Aquashade-Plus into a pourable container or apply directly from the product container by pouring around shoreline water and/or in offshore areas from a boat.

Aquashade-Plus will mix throughout the water on its own, however, more widespread application or aeration devices/fountains will provide quicker dispersion. Aquashade-Plus may be applied using dose metering equipment calibrated to treat inflow based upon dose/ water volume provided in the dosage rate chart.

In freezing climates, Aquashade-Plus may be poured onto the ICE in a 3 foot (1 meter) diameter circle. It will melt a hole and disperse underneath. Be certain ice conditions are safe before making application.

### HOW MUCH TO USE

1. Calculate total volume of your water body into Gallons (Liters) or Acre-Feet (Cubic Meters):

$$\text{Length (ft)} \times \text{Width (ft)} \times \text{Avg. Depth (ft)} \times 7.5 = \text{Gallons}$$

$$\frac{\text{Length (ft.)} \times \text{Width (ft.)} \times \text{Avg. Depth (ft.)}}{43,560} = \text{Acre-Feet}$$

Avg. Depth can be determined by taking a number of depth readings and calculating the average or estimated as 1/2 the maximum depth in evenly contoured bodies of water.

2. Based upon water volume, determine dosage rate from the chart below:

Water volume	Dosage rate* for this product (ppm total dye)			
	0.5	0.8	1.5	2.0
10,000 gal (37,850 L)	0.2 fl. oz. (7 ml)	0.4 fl. oz. (11 ml)	0.7 fl. oz. (21 ml)	1 fl. oz. (29 ml)
1 acre-foot (326,000 gal) 1,234 cubic meters	7.9 fl. oz. (230 ml)	13 fl. oz. (370 ml)	24 fl. oz. (700 ml)	32 fl. oz. (930 ml)
4 acre-feet (1.3 M gal) 4,936 cubic meters	32 fl. oz. (930 ml)	50 fl. oz. (1.5 L)	95 fl. oz. (2.8 L)	126 fl. oz. (3.7 L)

\*Use the lower (0.5 - 0.8 ppm) rates early for suppression of submersed plants (leafy pondweed, Chara, slender naiad, watermilfoil, Hydrilla) and filamentous green (Spirogyra sp.) & bluegreen algae growing at depths greater than 2 feet of the surface. Use higher rates (1.5 - 2.0 ppm) in shallow waters or in-season where growth is within 2 feet of surface.

3. Apply in season maintenance dosages, as needed, to restore loss of color due to dilution or dye degradation.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Store in original container in a cool, dry place. Keep from freezing.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL**

Nonrefillable container. Do not refill or reuse container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning if available or puncture and dispose of in approved landfill, or incineration, or by other procedures approved by State and Local authorities. Waste resulting from this product may be disposed of on-site or at an approved waste disposal facility.

**WARRANTY**

To the extent consistent with applicable law neither the manufacturer nor the seller makes any warranty, expressed or implied concerning the use of this product other than indicated on the label. To the extent consistent with applicable law buyer assumes risk of use of this material when such use is contrary to label instructions. Read and follow the label directions.

