



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 18, 2015

Aquashade
c/o Joanna Holcombe
Sr Regulatory Assurance Associate
Lonza
90 Boroline Rd
Allendale, NJ 07401

Subject: Notification per PRN 98-10 – Update label, add refillable container directions
Product Name: AQUASHADE
EPA Registration Number: 33068-1
Application Date: 12/3/15
Decision Number: 511879

Dear Ms. Holcombe:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) 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 Dominic Schuler at 703-347-0260 or via email at schuler.dominic@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

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

Note to reviewer:

[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

AQUATIC PLANT GROWTH CONTROL

FOR USE IN NATURAL AND MANMADE CONTAINED LAKES AND PONDS
(ORNAMENTAL, RECREATIONAL, FISH BEARING & FISH FARMING BODIES)
WITH LITTLE OR NO OUTFLOW OF WATER

NOTIFICATION

33068-1

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:

12/18/2015

ACTIVE INGREDIENTS:

Acid Blue 9* 12.6%

Acid Yellow 23** 1.04%

OTHER INGREDIENTS 86.36%

TOTAL 100.00%

Contains 1.11 lbs. of Erioglaucine* and 0.09 lbs. of Tartrazine** as Pure Dye Content per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

{Note to Reviewer: If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only reference precautionary statements.}

See [left] [side] [right] [back] panel for Precautionary Statements [and First Aid]

FIRST AID

If swallowed: - Call a 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 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 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.

EMERGENCY NUMBER:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If a medical emergency arises contact Arch Chemicals Emergency Action Network in the US call 1-800-654-6911 or outside the US call 423-780-2970. For help with a spill, leak, fire or exposure involving this material call CHEMTREC 1-800-424-9300.

NET CONTENTS: _____ GALLONS (_____ Liters)

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

MANUFACTURED BY:

 **applied biochemists**

GERMANTOWN, WISCONSIN 53022
1-800-558-5106
www.appliedbiochemists.com

Aquashade
EPA Reg. No. 33068-1
EPA Draft Label 2015-12-03

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material. Wash thoroughly 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 (cattails, water lilies) may suffer contact burn if accidentally poured on them.

PHYSICAL AND CHEMICAL HAZARDS

Color and effectiveness of Aquashade 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 may require permits for application of this product to public waters or to bodies of water discharging into public waters. Check with your local authorities.

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 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 as a pre-emergent (prior to plant germination) before the growing season. Aquashade may even be applied directly onto ice cover, (where applicable). Use during the growing season will suppress the rate and extent of underwater growth, but may not eliminate it. Aquashade 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 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 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 will mix throughout the water on its own, however, more widespread application or aeration devices/fountains will provide quicker dispersion.

In freezing climates, Aquashade 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):

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

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

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:

Aquashade (ppm)	Dosage Rates for Aquashade*			
	0.5	0.8	1.5	2.0
Total Volume				
10,000 gal (37,850 L)	0.6 oz. 18ml	1.0 oz. 30ml	1.8 oz. 54ml	2.4 oz. 72ml
1 Acre-foot (326,000 gal) 1,234 cubic meters	20 oz. 0.6 L	32 oz. 0.95 L	60 oz. 1.8 L	80 oz. 2.4 L
4 Acre-feet (1.3M gal.) 4936 cubic meters	80 oz. 2.4 L	1 gal. 3.8 L	1.9 gal. 7.2 L	2.5 gal. 9.6 L

*Use the lower (0.5 - 0.8ppm) 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- 2.0ppm) 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 & 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 onsite or at an approved waste disposal facility.

{For nonrefillable container only}

[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.]

{For 275 Gallon refillable container only}

[CONTAINER DISPOSAL[:]

Refillable container. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat rinsing procedure two more times. Then offer for recycling or reconditioning if available or puncture and dispose of in approved landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Consult Federal, State or local authorities for approved alternative procedures.]

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.