



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 PLUS
EPA Registration Number: 33068-3
Application Date: 12/3/15
Decision Number: 511878

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 PLUS

ACTIVE INGREDIENTS:

Erioglaucine 30.45%

Tartrazine 2.45%

OTHER INGREDIENTS: 67.10%

TOTAL: 100.00%

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

NOTIFICATION

33068-3

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

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 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:



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

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):

Length (ft) X Width (ft) X Avg. Depth (ft) X 7.5 = 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.

{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. Waste resulting from this product may be disposed of on-site or at an approved waste disposal facility.]

{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.