

33068-1

08-05-2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

33068-1

AUG 5 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Aquashade

Name and Address of Registrant (include ZIP Code):

Applied Biochemists
W175 N11163 Stonewood Drive, Suite 234
Germantown, WI 53022

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Make all the following changes to the product label:
 - a. Revise the heading from "General Information" to "Product Information".

A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this notice or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Signature of Approving Official:

Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Date:

AUG 5 2009

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AQUASHADE

AQUATIC PLANT GROWTH CONTROL

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

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

ACTIVE INGREDIENTS:

Acid Blue 9*	12.60%
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.

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:

AUG 5 2009
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

33068-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

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)

MANUFACTURED BY:

 **applied biochemists**

GERMANTOWN, WISCONSIN

53022

1-800-558-5106

www.appliedbiochemists.com

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.

GENERAL 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.	1.0 oz.	1.8 oz.	2.4 oz.
	18ml	30ml	54ml	72ml
1 Acre-foot (326,000 gal) 1,234 cubic meters	20 oz.	32 oz.	60 oz.	80 oz.
	0.6 L	0.95 L	1.8 L	2.4 L
4 Acre-feet (1.3M gal.) 4936 cubic meters	80 oz.	1 gal.	1.9 gal.	2.5 gal.
	2.4 L	3.8 L	7.2 L	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.

**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.

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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.

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 onsite 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.