

AQUASHADE® PLUS

Aquatic Plant Growth Control

- Concentrated Formula
- 2.4x more concentrated than Aquashade® Aquatic Plant Growth Control
- Inhibits growth of underwater weeds
- Tints water a pleasing aqua-blue
- Once dispersed, water can be used for swimming, fishing, irrigating and watering animals.

ACTIVE INGREDIENTS:

Erioglaucline	30.45%
Tartrazine	2.45%
OTHER INGREDIENTS:	<u>67.10%</u>
TOTAL:	100.00%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

MANUFACTURED BY:

Applied Biochemists
1200 Bluegrass Lakes Parkway,
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1-800-558-5106

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EPA Est. No. 42291-GA-1

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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):

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

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

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:

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.

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.

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.