

## **TOTAL VOLUME OF WATER BODY: 4 ACRE-FEET (1.3M GAL) (4,936 CUBIC METERS) - AT 0.5 PPM RATES**

### General Information

#### DIRECTIONS FOR USE

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): Length (ft.) x Width (ft.) x Avg. Depth (ft.) x 7.5 = Gallons Length (ft.) x Width (ft.) x Avg. Depth (ft.) / 43,560 = 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 on the label.
3. Apply in season maintenance dosages, as needed, to restore loss of color due to dilution or dye degradation.

#### Active Ingredients:

Acid Blue 9 - Erioglaucine (1.11 lbs a.i. / gallons)

Acid Yellow 23 - Tartrazine (0.09 lbs a.i. / gallons)

#### Limitations, Restrictions, and Exceptions

- 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.) and Bluegreen algae growing at depths greater than 2 feet of the

surface.

Method

[Directed](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Timings

[Postemergence \(Weed\)](#)