

## Lake and Pond Care Products

Every person's water is different. That's why our line of algaecides, herbicides, colorants and microbial products is designed to meet an individual's needs.

Call us toll-free to speak with trained biologists who can help select a product to meet your needs. Because, to us, you're not just a four-step program.



www.appliedbiochemists.com  
Ph: (800)-558-5106

Lake and Pond Management Solutions  
*Quality Products For Water Quality*



**Algaecides** control Chara, planktonic and/or filamentous algae. The choice depends on the location of the algae, active ingredient preference (copper or non-copper based), where the product will be used and what the water needs to be used for (use restrictions).



**Colorants** come in liquid or throwable pack form. Only Aquashade is EPA registered to control aquatic plant growth, all other dyes are for aesthetic purposes.



**Herbicides** are used to control emergent, submerged and/or floating plants. Some herbicides are selective and will only target certain vegetation. Many liquid herbicides need a non-ionic surfactant added to work on floating or emergent plants.



**Microbial products** help digest the muck at the bottom of the pond.

**Non-ionic surfactants** are necessary additives to some chemicals to help the product stick and break down the waxy surface of the leaf.

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PRODUCT NAME (ACTIVE INGREDIENT)	LABELED USE SITES	DOSAGE*	AVAILABLE SIZES
<b>ALGIMYCIN®-PWF</b> <i>(5% Copper in the form of copper citrate and copper gluconate chelates)</i>	Algaecide/Cyanobactericide for use in Potable water reservoirs, ponds, lakes, irrigation conveyance systems ditches, canals and laterals	0.32 - 5.31 gals. per acre-ft	5 / 30 / 55 gal. drum; 275 gal. tote
<b>CLEARIGATE®</b> <i>(3.825% Copper as elemental from mixed copper ethanolamines in an emulsified formulation)</i>	Algaecide for use in Crop and non-crop irrigation conveyance systems; potable water reservoirs; lakes; farm, golf course, industrial and swimming ponds	0.9 - 8.7 gals. per acre-ft	5 / 30 / 55 gal. drum 275 gal. tote
<b>COPPER SULFATE CRYSTALS</b> <i>(99% Copper sulfate pentahydrate)</i>	Algaecide for use in Impounded waters, lakes, ponds and reservoirs	0.67 - 5.32 lbs. per acre-ft	5 lbs.; 15 lbs.; 50 lb. bag
<b>CUTRINE®-PLUS</b> <i>(Liquid - 9%; Granular - 3.7% Copper as elemental from mixed copper ethanolamine complexes)</i>	Algaecide for use in Lakes and potable water reservoirs: farm, fish & fire ponds and fish hatcheries	0.6 - 3.0 gals. per acre-ft 60 lbs. per surface acre	Gal.; 2.5 gal.; 5 / 30 / 55 gal. drum; 275 gal. tote 12 lbs.; 30 lb. bag
<b>CUTRINE®-ULTRA</b> <i>(9% Copper as elemental from mixed copper ethanolamine complexes in an emulsified formulation)</i>	Algaecide/Herbicide/ Cyanobactericide with Surfactant for use in Lakes - potable water reservoirs; farms, fish and industrial ponds, fish hatcheries and raceways; crop and non-crop irrigation conveyance systems: ditches, canals and laterals	0.6 - 3.0 gals. per acre-ft	Gal.; 2.5 gal.; 5 / 30 / 55 gal. drum; 275 gal. tote
<b>PHYCOMYCIN® SCP</b> <i>(85% Sodium Carbonate Peroxyhydrate)</i>	Algaecide and Oxidizer for use in Lakes, ponds and drinking water reservoirs; irrigation, drainage and conveyance ditches, canals, laterals; estuaries, bayous, lagoons, water gardens and water features; impounded water and waste water; and aquaculture	3.0 - 100 lbs. per acre-ft	50 lb. bag
<b>STOCKTRINE® II</b> <i>(1.25% Copper as elemental from mixed copper ethanolamine complexes)</i>	Algaecide for use in Stock watering tanks, troughs and ponds	1.0 oz. per 250 gals.	Quart
<b>HARPOON®</b> <i>(24% Copper ethylenediamine complex)</i>	Aquatic Herbicide for use in Golf courses, ornamental, fish, and fire ponds; fresh water lakes, fish hatcheries and potable water reservoirs	1.7 - 3.3 gals. per acre-ft	Gal.; 2.5 gal.; 30 gal. drum; 275 gal. tote
<b>HARVESTER®</b> <i>(37.3% Diquat dibromide)</i>	Landscape and Aquatic Herbicide for use in Commercial greenhouses and nurseries; ornamental seed crops, landscape, industrial, recreational, commercial, residential, and public areas; turf renovation; dormant established turfgrass and aquatic areas	0.125 - 0.5 gals. per acre-ft (submerged weeds); 0.5 - 2.0 gals. per surface acre (floating or marginal weeds)	Quart; Gallon; 2.5 gal.
<b>NAVIGATE®</b> <i>(27.6% Butoxyethyl Ester of 2,4-D Acid)</i>	Selective Herbicide for use in Lakes and ponds**	100 - 200 lbs. per acre	12 lbs.; 50 lb. bag
<b>NAVITROL® DPF</b> <i>(14% Triclopyr)</i>	Aquatic Herbicide for use in Ponds; lakes; reservoirs, non-irrigation canals and ditches which have little or no continuous outflow**	14 - 68 lbs. per surface acre	50 lb. bag
<b>SHORE-KLEAR®</b> <i>(53.8% Glyphosate)</i>	Herbicide for use in Lakes, rivers, streams, ponds, estuaries, rice levees, seeps, irrigation and drainage ditches, canals, reservoirs, wastewater treatment facilities, wildlife habitat restoration and management areas, and similar sites	24 - 120 ozs. per acre	Quart
<b>SHOREKLEAR®-PLUS</b> <i>(18% Glyphosate)</i>	Herbicide with Surfactant for use in Aquatic and other non-crop sites	0.7 - 3.3 gals. per acre	Gallon
<b>WEEDTRINE®-D</b> <i>(8.53% Diquat dibromide)</i>	Aquatic Herbicide for use In and around still lakes, ponds and ditches**	2.5 -10 gals. per surface acre	Gallon; 5 gal. drum
<b>AQUASHADE®</b> <i>(12.6% Acid Blue 9 and 1.04% Acid Yellow 23)</i>	Aquatic Plant Growth Control for use in Natural and manmade contained lakes and ponds including ornamental, recreational, fish rearing and fish farming bodies of water with little or no outflow**	20 - 80 oz. per acre-ft	Gallon; 2.5 gal.
<b>AQUASHADOW®</b> <i>(Acid Blue 9 and Acid Yellow 23)</i>	Colorant for use in Lakes, ponds and decorative water features**	1.0 oz. per 1000 gals. or one packet per acre-ft	8 oz. 4- 7.15 oz. packs
<b>BLUE SPRINGS®</b> <i>(Acid Blue 9)</i>	Colorant for use in Lakes, ponds, decorative water features and other impounded bodies of water with limited outflow**	0.25 gals. per acre-ft	Gallon
<b>AQUA-PREP®</b> <i>(proteins)</i>	Protein Solution for use in Lakes and ponds	0.5 gals. per acre-ft	Quart; Gallon; 2.5 gal.
<b>BACTI-KLEAR®</b> <i>(bacteria and enzymes)</i>	Aquatic Microbial Blend for use in Lakes, ponds, water hazards and irrigation tanks	3 gals. per acre-ft 20 lbs. per surface acre	Gallon; 10 lbs.
<b>CIDE-KICK® II</b> <i>(100% d,l-limonene)</i>	Non-ionic surfactant compatible with most terrestrial and aquatic herbicides, insecticides and other pesticides	16 ozs. - 2 gals. per acre	Quart
<b>NUTRI-SORB®</b> <i>(spores and microorganisms)</i>	Microbial Blend for use in Lakes and ponds	3.0 lbs. per surface acre or 3.0 lbs. per acre-ft	8 oz. packs (in 10 or 25 lb. pail)

\*When dosage is shown as range, see label for specifics. Rate can depend on target vegetation, density and/or time of year.

Always read and follow label directions.

\*\*See label for water use restrictions.