

barcolene

**DIRECTIONS FOR USE**

**FIRST DOSE:** Add one quart of Algicide Ten for each 12,500 gallons of water in the pool. If algae growth is visible, then repeat initial dose, after first removing algae debris with pool vacuum cleaner. Any patches of algae should be removed by scrubbing with a brush.

**FOLLOW-UP DOSES:** Every 5 to 7 days, add half a pint ( one cup ) of Algicide Ten to each 12,500 gallons of water. In public pools, add one quart daily for every 100 bathers using the pool the preceding day.

**DRAINING AND REFILLING:** Repeat the initial dose of one quart per 12,500 gallons of water each time the pool is drained and refilled.

**NOTE:** To determine the number of gallons of water in your pool, use this formula, with distances measured in feet:

For round pools - multiply diameter by diameter by depth of water by 5.9

For rectangular pools - multiply length by width by depth of water by 7½

**CAUTION:** This product is toxic to fish. Do not discharge treated effluent into lakes, streams or ponds.

Rinse empty container thoroughly with water and discard.

**THE BARCOLENE COMPANY** Swimming Pool Division  
**HOLBROOK, MASS. 02343**

USDA Registration No. 4206-11 ©1965 Made in U.S.A.

**ALGICIDE TEN**  
**FOR SWIMMING POOL ALGAE CONTROL**  
**10% SOLUTION**

Barcolene Algicide Ten is a new and more efficient solution for killing and controlling various types of algae, including black algae and other common types. In pool dilutions it will not damage tile, concrete or metal. Used regularly it leaves pools free of visible algae, and keeps pool water fresh and clear.

<b>ACTIVE INGREDIENTS:</b> n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )	
dimethyl benzyl ammonium chlorides	.....8.4%
n-dialkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) methyl benzyl ammonium chlorides	..... 1.6%
<b>INERT INGREDIENTS</b>	..... 90.0%
	100.0%

**WARNING:** Keep out of reach of children. Avoid contact with eyes, skin, and food. Harmful if swallowed. Keep tightly sealed in a cool dark place. **EXTERNAL ANTIDOTE:** flush with plenty of water, **INTERNAL ANTIDOTE:** induce vomiting. If irritation persists, get medical attention.

See back panel for additional precautions.

**32 FL. OZ. (1 QT.)**

ACCEPTED  
Jun 3-1971  
BY THE FEDERAL BUREAU OF INVESTIGATION  
FOR ECONOMIC POISON CONTROL  
ED ORDER NO. 9286

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## GENERAL INFORMATION

AQUATHOL PLUS is an especially formulated product useful in the control of a broad range of aquatic plants, both submerged and emerged. This product offers a margin of safety to fish when used at recommended dosages. Only 1 to 6 ppm total active ingredient is normally required for control of most aquatic weeds. Use as a contact killer only after weeds are present.

## HOW TO USE

AQUATHOL PLUS is recommended for the control of the following weeds in recreational lakes and ponds. Since the active ingredients of AQUATHOL PLUS are water soluble, marginal treatments of large bodies of water less than one acre should preferably be made with the granular formulation of AQUATHOL PLUS.

Apply AQUATHOL PLUS at the recommended rates as an even surface spray where floating weeds are the problem. Where submerged weeds are prevalent, the material may be injected below the surface or sprayed, depending on the problem.

Dosage rates indicated for the application of AQUATHOL PLUS are measured in "Parts Per Million" (ppm). 1 ppm as a dosage rate means that there would be 1 part of AQUATHOL PLUS' active ingredient in 1,000,000 parts of water.

## WEEDS CONTROLLED DOSAGE CHART

COMMON NAME	LATIN NAME	Entire Pond or Large Area Treatment
<b>SUBMERGED</b>		
Bass Weed	Potamogeton amplifolius	1-2 ppm
Bladderwort	Utricularia spp.	2-3 ppm
Coontail	Ceratophyllum spp.	1-2 ppm
Fanwort	Cabomba spp.	2-3 ppm
Lotus	Nelumbo spp.	2-3 ppm
Milfoil	Myriophyllum spp.	2-3 ppm
<b>Pondweed</b>		
Bushy	Najas spp.	2-3 ppm
Curly Leaf	Potamogeton crispus	1-1.5 ppm
Flat-Stem	Potamogeton zosteriformis	2-3 ppm
Floating-Leaf	Potamogeton natans	1-2 ppm
Horned	Zannichellia spp.	1-2 ppm
Sago	Potamogeton pectinatus	1-2 ppm
	Potamogeton nodosus	2-3 ppm
	Potamogeton diversifolius	1-2 ppm
	Potamogeton filiformis	2-3 ppm
	Potamogeton pusillus	1-2 ppm
Water Cross	Nasturtium spp.	2-3 ppm
Water Star Grass	Heteranthera spp.	2-3 ppm
Waterweed	Elodea spp.	1-2 ppm
<b>EMERGENT AND FREE-FLOATING</b>		
Arrowhead	Sagittaria spp.	2-3 ppm
Bur Reed	Sparganium spp.	3-4 ppm
Spike Rush	Eleocharis spp.	2-3 ppm
Water Hyacinth	Eichornia spp.	2-4 ppm
Water Lily	Nuphar spp. (Spatterdock, Cow Lily)	2-3 ppm
Water Primrose	Jussiaea spp.	2-3 ppm

For control of weeds along lake margins use 4-6 ppm.

In Northern areas Pithophora, Cladophora and Spirogyra algae may be controlled at 2-5 ppm; however, due to the short residual action, regrowth may occur under favorable conditions.

## HOW TO DETERMINE QUANTITY TO BE APPLIED

The following chart indicates the total quantity of material to be applied for certain size areas.

CHART ON RIGHT PANEL

Net Contents

U S Gallons

# AQUATHOL PLUS

## FOR AQUATIC WEED CONTROL

Contains per gallon: 2.4 lbs. Dipotassium Endothall (equivalent to 1.7 lbs. Endothall acid) and 2.7 lbs. Potassium Silvex (equivalent to 2.4 lbs. Silvex acid)

### ACTIVE INGREDIENTS:

Dipotassium Salt of Endothall\* 22.1%

Potassium Salt of Silvex\*\* 25.3%

### INERT INGREDIENTS

TOTAL 100.0%

\*3,6-endoxohexahydrophthalic acid equivalent 15.7%

\*\*[2-(2, 4, 5 trichlorophenoxy) propionic acid] potassium salt equivalent to 22.2% silvex acid

U.S. patents: 2,390,941; 2,396,513; 2,472,347; 2,550,494; 2,576,080; 2,576,081; 2,576,083; other patents pending

KEEP OUT OF REACH OF CHILDREN

## WARNING

See Specific Warning and Caution Statements on Side Panel

USDA Registration No. 4581-183



CHEMICALS • EQUIPMENT

AGRICULTURAL CHEMICALS DIVISION

# PENN SALT CHEMICALS CORPORATION

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