

GENERAL INFORMATION

Hydrothol 47 is a liquid concentrate soluble in water and is a highly effective algaecide for use in lakes and ponds to control the following algae: Cladophora, Pithophora, Spirogyra and Chara when the algae are actively growing. Dosage rates indicated are measured in "Parts per Million" (ppm). 1 ppm as a dosage rate means that there would be 1 part endothal (acid) in 1,000,000 parts of water.

LAKES AND PONDS

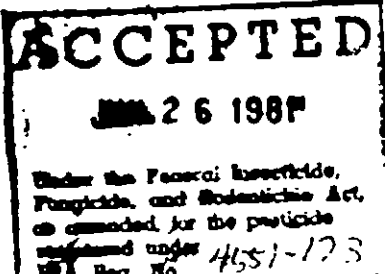
ALGAE CONTROL: Cladophora, Pithophora, Spirogyra and Chara can be controlled with applications of 1/4 to 3 pints per acre foot (0.05 to 0.2 ppm) applied as a uniform surface spray or injected under water surface. Pithophora may require 0.2 ppm or higher. Dosages may be increased to 1/2 to 1 1/2 pints (0.3 to 0.8 ppm) where greater longevity of control is desired and for marginal treatments. Repeat treatments when algal growth reappears.

APPROXIMATE QUANTITY OF HYDROTHOL 47 FOR ONE ACRE* TREATMENT

Dosage for various concentrations in ppm

Depth	0.1	0.2	0.3	0.5	0.8
1 ft	1.5 pts	2.9 pts	5 gal	9 gal	15 gal
4 ft	5.8 pts	11.6 pts	2.2 gal	3.6 gal	5.8 gal

*One acre equals approximately 208' x 208'



HYDROTHOL 47

For Algae Control

Contains 1.5 lb. Endothal* per gallon

ACTIVE INGREDIENT:

Di (N, N dimethylalkylamine**) salt of Endothal* 66.7%

INERT INGREDIENTS: 33.3%

TOTAL 100.0%

* 7-Quabicyclo [2.2.1] heptane 2,3-dicarboxylic acid equivalent 18.5%

** Alkyl groups as derived from Coconut Oil U.S. Patent 3,246,015; 3,207,593

FOR AGRICULTURAL, PROFESSIONAL AND SERVICEPERSON USE ONLY



KEEP OUT OF REACH OF CHILDREN

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION NO. 451-173

EPA ESTABLISHMENT NO. 228-IL-1

NET CONTENTS 5 U.S. GAL.

SOLD BY

AGCHEM DIVISION - PENNWALT CORPORATION

FRESNO, CA.

PHILADELPHIA, PA.

PRECAUTIONS

Fish will be killed with dosages in excess of 0.3 ppm. Avoid contact with or drift to desirable plants or crops as injury may occur. Do not store this material where it may contaminate seeds, feeds, or foodstuffs. Wash spray equipment out after each operation. Do not use fish from treated water for food or feed within three days after treatment. Do not use treated water for irrigation or agricultural sprays on food crops, for watering livestock or for domestic purposes within the following periods: Up to 0.3 ppm, 7 days after application. Up to 3.0 ppm, 14 days after application.

Necessary approval and/or permits should be obtained in States where required. Do not use where fish are an important resource; consult state water or conservation authorities before applying to public waters or to ponds or streams which flow into public waters.

Burn or bury containers. Stay out of smoke never to use.

DANGER

FATAL (POISONOUS) IF ABSORBED THROUGH SKIN. CORROSIVE. CAUSES EYE AND SKIN IRRITATION OR DAMAGE. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING CONCENTRATE. HARMFUL OR FATAL IF SWALLOWED.

Avoid breathing spray mist. Bathe and change clothing at least daily while using.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

MADE IN U.S.A.

5924-12E

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