

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

ENVIRONMENTAL HAZARDS

Under conditions of a heavy algae infestation, in order to avoid suffocation of fish due to lack of oxygen caused by the decaying vegetation, never treat more than 1/3 to 1/2 of the lake or pond at a time. Allow sufficient time between treatments for oxygen levels to recover (usually 1 to 3 weeks).

If fish are present and the alkalinity of the water is less than 50 ppm as calcium carbonate, treat only 1/3 to 1/2 of the lake or pond at a time. Wait 1 to 2 weeks between treatments.

Trout and other species of fish may be killed at application rates recommended on this label, especially in soft and acid waters.

Do not contaminate water by cleaning of equipment or disposal of wastes.

Avoid contact with or drift to desirable plants or crops, since concentrated product may cause injury.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE - This material undiluted is corrosive to metal and should not be allowed to remain in contact with metal drip apparatus or spray equipment. Rinse spray equipment thoroughly after use.

Do not contaminate water, food or feed by storage or disposal.

DISPOSAL - Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act. Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by other approved State and local procedures.

Copper Sulfate Liquid

ACTIVE INGREDIENT:

Copper Sulfate Anhydrous 15.1%

INERT INGREDIENTS.

%
by Weight

84.9%

100.0%

Copper as metallic 6% - (0.59 lb./gal.) -
(70.7 g/liter)

KEEP OUT OF REACH OF CHILDREN!

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately.

IF ON SKIN: Flush with water.

IF IN EYES: Flush with plenty of water for 15 minutes.
Call a physician.

See side panel for additional precautionary statements.

Manufactured By

IMPERIAL WEST CHEMICAL COMPANY

ANTIOCH, CALIFORNIA 94509

EPA ESTABLISHMENT NO. 38539-CA-01

EPA REGISTRATION NO. 38539-2

NET CONTENTS

ALGAE CONTROL USES

FOR CONTROL OF ALGAE in Potable Water/Irrigation Reservoirs and Canals, Ponds and Lakes.

1. STATIC or MINIMAL FLOW SITUATIONS (Reservoirs, Lakes and Ponds): Accurately determine the number of acre feet of water to be treated. An acre foot of water is equal to one acre of water one foot deep, 326,000 gallons, or 2,720,000 pounds of water.

For control of filamentous and planktonic algae, apply one gallon of LIQUID COPPER SULFATE per acre foot of water. This application rate will result in a copper concentration of .22 ppm in the treated water. Dilute the recommended amount with at least 20 parts of water and apply the mixture as a uniform surface spray. Break up floating algae mats prior to application. The most effective algae control is obtained under calm sunny conditions.

For control of bottom-attached algae (Chara and Nitella), use 2 gallons per acre foot of water to be treated. Dilute the recommended amount of Liquid Copper Sulfate in 4 gallons of water and apply as a uniform surface spray.

2. FLOWING WATER SITUATIONS (Irrigation/Potable Water Conveyance Systems): Accurately determine the flow rate of water in Cubic Feet per Second (C.F.S.) or Gallons per Minute (Gal./Min.). One C.F.S. equals 450 Gal./Min. Apply 0.8 fluid ounces of LIQUID COPPER SULFATE per minute per C.F.S. by a gravity feed or similar drip system and maintain this drip rate for 45 minutes. This drip rate will maintain a copper concentration of 1 ppm in the flowing water for 45 minutes.

Make the application at a point of turbulence in the canal for good dispersion of the chemical. The distance of control depends upon the density of algae growth. For this reason, the application should be made as soon as the algae starts interfering noticeably with the flow of water.

NOTE

Areas treated with Copper Sulfate may be used for swimming or fishing immediately after treatment. Water from treated lakes or ponds may be used to irrigate turf, fairways, putting greens and ornamental plants.

Our recommendations for use of this product are based upon tests believed to be reliable. Since aquatic field conditions vary widely, the user must determine the suitability of this product for his particular application.

Necessary approval and/or permits should be obtained in states where required.

EPA