PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER

Corrosive. Causes eye damage. Do not get into eyes. Wear goggles or face shield when handling. Wash hands after handling. May be harmful or fatal if swallowed.

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 ⅓ to ½ 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 p.p.m. as calcium carbonate, treat only ⅓ to ½ 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. Consult the State Departments of Fish and Game before applying this product in public waters.

Avoid storage near feed and food products. 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.

DISPOSAL — Do not re-use container. Dispose of container in accordance with the State and local regulations.

ALGAE AND ROOT CONTROL USES

For Algae in Lakes, Ponds and Impounded Waters. For Algae and Pondweed Control in Irrigation Systems.

For Roots Growing in Sewer Pipes.

1. **Static or Minimal Flow Situations** (Reservoir., Lak s 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.

COPPER SULFATE

GRANULAR CRYSTALS

ACTIVE INGREDIENT:	
Copper Sulfate (Pentahydrate)	99%
INERT INGREDIENT	1%
	100%

(Copper expressed as Metallic –25.2%)

KEEP OUT OF REACH OF CHILDREN

DANGER

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.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

See Side Panel for Additional Precautionary Statements

Manufactured by

Imperial West Chemical Company

Antioch, California

EPA Establishment No. 3[illegible]-CA-01
EPA Registration No. 28539-1

Net Weight: 50 Pounds

LOT No.....

ACCEPTED
1 MAY 1980
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5[illegible]-

For control of filamentous and planktonic algae, add 2¼ to 2½ pounds per acre foot of water. This application rate will result in a copper concentration of .22 p.p.m. 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 4½ to 5 pounds per acre foot of water to be treated. Add the recommended amount of Copper Sulfate —directly or dilute 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 0.06 oz. times 60 equals 3.6 oz./hour ounces Copper Sulfate per minute per C.F.S. by a gravity feed or similar system and maintain this rate for 45 minutes. This rate will maintain a copper concentration of 1 p.p.m. in the flowing water for 45 minutes.

NOTE: If treated water is to be used as a source of potabe water the metallic copper residual must not exceed1 p.p.m. (4 p.p.m. copper sulfate pentahydrate.)

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.

3. Control of Root Growth in Sewer Pipes (Residential Sewers): Use 2 to 6 pounds of Copper Sulfate in spring and fall. Remove clean-out plug and pour entire quantity of crystals directly into sewer line and flush into the pipe with water. Note: Do not apply in sink or tub drains.

4. Control of Root Growth in Sewer Pipes (Municipal or commercial): Sewers— Use 2 pounds of granular copper sulfate crystals for each junction or terminal manhole.

Storm Drains: Use 2 pounds of granular crystals per drain per year. Apply during period of light flow. In dry weather introduce a flow with a hose. If storm drains become almost plugged, repeat treatment 3 or 4 times at 2-week intervals.

Sewer Pumps And Force Mains: Place 2 pounds of granular crystals in a cloth bag at the storage well inlet. Repeat as needed.

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.

WARRANTY STATEMENT

Seller's warranty shall be limited to the terms of the [illegible]. On [illegible] this product, the buyer assumes any risk to [illegible] arising out of the use or handling of product.

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