

NET WT. 50 LBS.

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BLUE VIKING

COPPER SULFATE STAR SHINE CRYSTALS

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONNEL

ACTIVE INGREDIENT

COPPER SULFATE PENTAHYDRATE 99.0%

INERT INGREDIENTS

COPPER AS METALLIC NOT LESS THAN 25.2%

KEEP OUT OF REACH OF CHILDREN

DANGER

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

CONTROL OF TADPOLE SHRIMP IN FLOODED RICE FIELDS. Blue Viking Copper Sulfate is recommended for the control of tadpole shrimp in rice fields. Blue Viking should be applied at a rate of 10 to 15 pounds per acre by mixing with 500 parts of water and applying as a uniform surface spray using boat and pressurized spraying device. Use at the first indication of infestation after the field has been flooded to a depth of 8 to 8 inches. Blue Viking is especially graded for maximum solubility in this volume of water.

Directions for use continued on back panel.

EPA REG NO 45450-1
EPA EST NO 45450-AZ-1

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER
Corrosive. Causes eye damage and irritation to the skin and mucous membrane. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe dust or spray mist. Wear goggles or face shield and rubber gloves when handling.

STATEMENT OF PRACTICAL TREATMENT

First Aid: In case of contact immediately flush eyes or skin with fresh water for at least 15 minutes. For eyes get medical attention. Remove and wash contaminated clothing before re-use. If swallowed immediately drink a large quantity of milk or egg whites or if these are not available, drink large quantities of water and induce vomiting. Get medical attention immediately.

Note to Physicians: This product can cause corrosive injury to the esophagus.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not apply directly to water. Do not apply where run off is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

MANUFACTURED BY INTERNATIONAL METAL RECYCLING CORPORATION, CASA GRANDE, ARIZONA.



MADE IN U.S.A.

Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable state and Federal regulations.



DIRECTIONS CONTINUED

ALGAEICIDE

Blue Viking Copper Sulfate kills Filamentous and Plankton algae in flooded rice fields, lake or pond water at 0.27 ppm to 0.54 ppm (Cu) in the treated water. Apply at a rate of 3 to 6 pounds per acre foot of water. Mix Blue Viking with 100 parts of water and apply the mixture as a uniform surface spray using boat and pressurized spraying device. Apply twice yearly, as needed. 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 which equals 328,000 gallons or 2,720,000 pounds.

SEWER TREATMENT—ROOT DESTROYER

A. For Partial Stoppage — Add 1/2 pound of Blue Viking to sewer or drain and flush toward blockage with 5 gallons of water. Repeat at 6 month intervals to prevent growth of new roots.

B. For Complete Stoppage — Physically remove the root blockage and repeat as above.

WOOD TREATMENT (green peeled posts) — fungus decay, rot

Prepare a solution of 18.0 pounds of sodium chromate in each 26 gallons of water to be used and a separate second solution of 18.0 pounds of copper sulfate in each 24 gallons of water to be used. Soak the peeled green posts, butt end down first in the copper sulfate solution for 3 days, then butt end down in the sodium chromate solution for 2 days, and finally, turn the posts upside down in the sodium chromate solution for 1 additional day, remove and rinse posts with clear water.

BORDEAUX MIXTURE

HOW TO UNDERSTAND BORDEAUX FORMULATIONS:

If the Bordeaux Mixture instructions read 10-10-100, the first figure means the number of pounds of copper sulfate pentahydrate. The second figure means the pounds of hydrated spray lime, and the third figure, the gallons of water to be used. Use as a full coverage spray to runoff.

HOW TO PREPARE A BORDEAUX MIXTURE:

To prepare a Bordeaux mixture, fill a tank with water, one-quarter full. Then with an agitator running, mix in Blue Viking Star Copper Sulfate through a copper, bronze, stainless steel or plastic screen. Add water so the tank is three-quarters full. Mix in the hydrated spray lime through the screen, and finish filling the tank with water.

CROP	TO CONTROL	DIRECTIONS
Almonds, Apricots Peaches, Nectarines	Shot-Hole Fungus	Prepare a 10-10-100 Bordeaux and apply as a dormant spray in late fall or early spring.
Almonds, Apricots, Cherries Peaches, Nectarines, Plums Prunes	Brown Rot, Blossom Blight	Prepare a 10-10-100 Bordeaux and apply when buds begin to swell.
Sour Cherries	Leaf Spot	Prepare a 10-10-100 Bordeaux. Apply as a full coverage spray after petal fall or as recommended by the State Extension Service.
Lemons, Oranges, Grapefruit	Phytophthora Brown Rot	Prepare a 3-4 1/2-100 Bordeaux where there is no history of copper injury or a 3-2-6-100 (Zinc Sulfate - Copper Sulfate - Hydrated Lime - Gallons of water) Bordeaux. Spray 6 gallons on skirt of tree 3 to 4 feet high and 2 to 4 gallons on trunk and ground under tree. If P. hibernalis is present, use 10 to 25 gallons to completely cover each tree. Apply in Nov. or Dec. just before or after first rain. In severe brown rot season, apply second application in Jan. or Feb.
Lemons, Oranges, Grapefruit	Septoria Fruit and Leaf Spot, Central Calif. and Brown Rot and Zinc and Copper Deficiencies	Prepare a 3-2-6-100 Bordeaux and use 10 to 25 gallons to completely cover each tree. Apply in Oct., Nov. or Dec. before or just after first rain.
Walnuts	Walnut Blight	Apply 15 pounds with 10 pounds of lime in 100 gallons of water plus one-half gallon of summer oil emulsion. Apply in early pre-bloom 10-20% pistillate (not when catkin blooms are showing) before or after rain. Use only if Bordeaux mixture has been shown to be non-phytotoxic in your area.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open burning and dumping is prohibited. Do not re-use empty container.

STORAGE

Keep pesticide in original container. Do Not put concentrate or dilutions of concentrate in food or drink containers.

PESTICIDE DISPOSAL

Pesticide spray mixture or residue 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.

CONTAINER DISPOSAL

Rinse container liner with water and add rinse to use solution. Dispose of bags according to approved Federal, State and local procedures under the Resource Conservation and Recovery Act.

NOTICE TO BUYERS

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this product when such use and/or handling differs from the instructions shown on the label.

BLUE VIKING COPPER SULFATE SUGGESTED USES

AGRICULTURE

Use of Bordeaux Mixture serves as a fungicide to control plant diseases, or as a bactericide to control copper deficiencies in plants. See directions for use. Copper Sulfate is also a valuable plant nutrient in soil feeds for beneficial animals. Please consult your State Agricultural Experiment Station or State Extension Service for guidance in planning strategies and timing.

WATER, SEWER, & WOOD TREATMENT (See directions for use)

Water Treatment — Blue Viking spray in lake, lake and pond water.
Sewer Treatment — Destroy roots and fungus growth in sewers and storm drains.
Wood Treatment — Use Copper Sulfate with sodium chlorate as a preservative for wooden fence posts.