

U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW, SUITE 700
REGISTRATION AND REVIEW
DIVISION, WASHINGTON, D.C. 20460

EPA REGISTRATION NUMBER

STATE OF EXPLANATION

15 OCT 1984

NOTICE OF PESTICIDE:

GENERAL INFORMATION
CONCERNING THE PRODUCT

NAME OF PESTICIDE PRODUCT

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended.

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above-named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

Do not reuse empty container. Triple rinse empty container with water. Return metal drums to reconditioner or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated or, if allowed by local authorities, by burning. If burned, stay out of smoke.

The heading "Storage and Disposal" must be of the same minimum type size as the "Keep Out of Reach of Children" statement.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD/DIS:DCR-50609:J.H.Lee:RD-36A:eg:Kendrick & Co.:898-1270:10/16/84:Del.10/25/84

SPECIMEN LABEL:

Bio-Guard WTB-10

AQUA TREAT 350



The PRODUCT is recommended to control the growth of green algae (*Chlorrella, Scenedesmus*) blue green algae (*Phormidium, Anabaena*) anaerobic sulfate-reducing bacteria (*Desulfovibrio*) and aerobic heterotrophic bacteria (*Bacillus sp., Pseudomonas sp.*) in recirculating water cooling systems evaporative condensers and in sub-surface injection systems such as secondary and tertiary oil recovery systems.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

HIGHLY IRRITANT - IRITATES SKIN AND EYES. DAMAGE MAY OCCUR IF SWALLOWED OR IF NOT GET IN EYES. WEAR GLOVES, EYE PROTECTION AND FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

POTENTIAL HAZARDS: This product is highly toxic to fish and other aquatic organisms. Avoid contact with fish and other aquatic life forms. Do not use near water bodies. Harmful to aquatic life.

DIRECTIONS FOR USE GENERAL CLASSIFICATION

DO NOT USE IN DRINKING WATER SYSTEMS. DO NOT USE IN RECIRCULATING WATER COOLING SYSTEMS.

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RECIRCULATING WATER COOLING TOWERS
PRACTICAL TREATMENT: Circulate water system water with a small amount of water with a chlorine dioxide residual of 10 mg/l for 10 minutes. If algae continues to grow, add a dose of 100 ppm of water to the top of the system. Repeat initial dose at intervals of 10 days and same initial dose every 10 days. Bacteriostatic systems should be maintained on continuing treatment.

MAINTENANCE TREATMENTS: The frequency of maintenance treatments must be adjusted to the algae and algal growth can only be determined by experience. Since each system will vary in water consumption and in amounts and types of microorganisms present.

A treatment of the algicide once or twice a month or when algae or slime first appears is usually sufficient to control growth of green algae in cooling towers. To control some bacteria, a dose may be necessary once a week or once every two weeks. Use 30 to 70 oz per 1,000 gallons of water, 1000 to 5000 ppm for subsequent dosages.

FEEDING THIS PRODUCT may be fed directly from the drum or diluted with water and fed by any suitable feed system. Dose directly into the water.

MICROBIOCIDE — ALGICIDE

Controls algae slime growth on recirculating water cooling towers and evaporative condensers

Controls anaerobic sulfate-reducers and aerobic heterotrophic bacteria in oil field and petro-chemical water injection systems

ACTIVE INGREDIENTS

Alkyl (C₄-58% C₆-28% C₇-14%) dimethyl benzyl ammonium chloride

10%

INERT INGREDIENTS

90%

TOTAL INGREDIENTS

100%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRACTICAL TREATMENT: 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 and if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.

NOTE TO PHYSICIAN: Probable mucous damage may contraindicate the use of gastric lavage. Measures against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be required. If persistent, convulsions may be controlled by caustic intravenous injection of a short acting barbiturate drug.

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

NOT FOR USE OR STORAGE AROUND THE HOME ENVIRONMENT
FOR COMMERCIAL AND INDUSTRIAL USE ONLY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 15 1984

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the Pesticide registered under EPA Reg. No. 17714-4

EPA Reg. No. 17714-4 EPA Est. No.

Manufactured by
PASCO INDUSTRIES
3911 Halifax
Dallas, Texas 75247

Net Contents
55 U.S. Gallons

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