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ACCEPTED
with COMMENTS
in EPA Letter Dated:

ASTAT-II

APR 23 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

5891-28

ACTIVE INGREDIENT:

Poly(oxyethylene (dimethylamino) ethylene-
(dimethylamino) ethylene dichloride) 10.0 %

INERT INGREDIENT 90.0 %

This product contains 0.85 lb. of active ingredient per gallon and weighs
8.49 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

FIRST AID: 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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

DIRECTIONS FOR USE

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

ASTAT-II is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. An initial slug addition of 6.13 to 15.32 fluid ounces of ASTAT-II per 1000 gallons of water to provide a concentration of 48 to 120 parts per million of ASTAT-II, based on the total weight of water

in the system, is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.53 to 15.32 fluid ounces of ASTAT-II per 1000 gallons of water (12 to 120 parts per million of ASTAT-II) should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

ASTAT-II is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 24.7 to 41.2 fluid ounces of ASTAT-II per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 16.9 to 41.2 fluid ounces of ASTAT-II per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

STORAGE AND DISPOSAL

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

STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand or disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Manufactured by:

Mt. Hood Chemical Corporation
4444 N.W. Yeon Avenue
Portland, OR 97210

EPA REG. NO. _____ EPA EST. NO. _____

NET CONTENTS _____

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 indorsement 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.

This registration notice is being issued in accordance with Section 3(c)(7)(A) of the FIFRA subject to the following conditions.

(1) It is understood that you will submit and/or cite all data required for registration or re-registration of your product under Section 3(c)(5) of the FIFRA when the Agency requires all registrants of similar products to submit such data.

(2) You will submit five copies of your finished printed labels complying with the requirements or revisions specified in the attachment to this registration notice. These labels must be submitted to the Agency before the product is released for shipment as required by PR Notice 82-2, of June 18, 1982.

The finished printed labels must comply with the general labeling requirements of Section 162.10 of Title 40 of the Code of Federal Regulations. If the label does not satisfy these requirements it will be rejected.



A. T. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (75-7670)

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

6 9 1982