

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

10324-70

DATE OF ISSUANCE

AUG 20 1992

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Maquat 4450-CT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mason Chemical Company
721 West Algonquin Road
Weber Atrium Centre
Arlington Heights, IL 60005

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 product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 10324-70".
- b. Include the heading "Net Contents".
- c. Include the following subheading "Container Disposal".

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

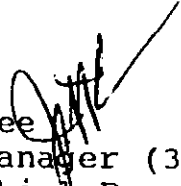
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- d. It is preferred that the statement "Do not apply in Marine and Estuarine Oil Fields" be located in the Environmental Hazards section.
- e. Expand the use site to read: Industrial and/or Commercial Recirculating Cooling Water Towers.
- f. Expand the center panel to read: A Water Treatment Microbiocide for Recirculating Cooling Water Towers and Oil Field Water Flood/Salt Water Disposal Systems.

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.

Sincerely,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							

MAQUAT 4450-CT

WATER
TREATMENT MICROBIOCIDES

RECORDED
300 COPIES
AUG 20 1992
10324-70

ACTIVE INGREDIENT:
Didecyl dimethyl
ammonium chloride 50%
INERT INGREDIENTS 50%
TOTAL 100%

Weight Approx. 7.25 lb/gal

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side panel for additional precautionary statements

Mason Chemical Company

The Quaternary Specialists
17101 Algonquin Rd
Morton Heights, IL 60451
1-800-362-1855
709-2901621

E.P.A. Reg. No. 10324-
E.P.A. Est. No. 10324-IL-1

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink promptly a large quantity of egg whites, gelatin solution, or if these are unavailable, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

CORROSIVE: Causes severe eye and skin damage. Do not get in eyes, on skin, or clothing. Remove contaminated clothing and wash before reuse. Wear goggles or face shield, and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds or public waters unless in accordance with NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your Regional Office of Environmental Protection Agency.

PHYSICAL OR CHEMICAL HAZARDS:

Do not mix with soap or anionic materials. Do not use or store near heat or open flame.

DIRECTIONS FOR

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

To control algae and bacterial slimes, use 4450-CT as directed slug feed. The frequency of addition of 4450-CT depends on many factors. To optimize 4450-CT

Recirculating Cooling Towers

- Initially use 6 fluid ounces per 1000 gallons treated (20 ppm active quaternary). Should the above dosage not give satisfactory results, increase to 9 fluid ounces per 1000 gallons of water. Repeat the initial dose every seven days if needed.
- When the above treatment level is satisfactory, reduce to 9 fluid ounces per 1000 gallons of water. Repeat weekly as needed. Should slime develop again, go back to 6 fluid ounces per 1000 gallons.

Cooling tower waters that are inherently high in bacteria count may be adequately controlled by these dosages; slug feed every 7 days.

Dilute the appropriate amount of MAQUAT 4450-CT in 1 or 2 gallons of water. Note, this product weighs 7.73 lbs. per gallon.

Should tower be heavily fouled, a pre-cleaning is recommended.

Oil Field Water Flood or Salt Water Disposal

- apply in Marine and Estuarine Oil Fields:
- For the control of slime forming and sulfide producing bacteria in oil field water flood or salt water disposal, use 5-10 ppm (active) MAQUAT 4450-CT. This requires 1 1/2-3 gallons per 3000 barrels of water continuously. Levels for effective control vary on conditions at the site.
 - For intermittent use, dose at a rate of 10-20 ppm (active) MAQUAT 4450-CT (4-8 gallons per 3000 barrels of water) for 4 to four times a week as needed to maintain control.

STORAGE AND DISPOSAL

Prohibitions — Do not store near heat, open flame, or other sources of ignition. Do not contaminate water, food or feed by storage or disposal.
Pesticide Disposal — Pesticide wastes, sludges, etc., must be disposed of by a qualified contractor in accordance with local, state and federal regulations. Improper disposal of excess pesticide, spray mix, or dilute solutions is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your nearest Pesticide or Environmental Control Agency for guidance.
Metal Containers — Triple rinse (or equivalent) before recycling or reconditioning, or puncture and send to a sanitary landfill, or by other approved State approved method.
Plastic Containers — Triple rinse (or equivalent) before recycling or reconditioning, or puncture and send to a sanitary landfill, or by other approved State approved method.
Tank Cleaning — Transport tanks and drums to a cleaning facility and thoroughly drained and flushed with water. Dispose of all traces of product. Dispose of washing water in accordance with local, state and federal regulations. Liquid and sludge are hazardous.