

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
10324-116

Date of Issuance:
AUG 15 2001

Term of Issuance: CONDITIONAL

Name of Pesticide Product:
Maquat MC1416-V

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company
721 Algonquin Road
Arlington Heights, IL 60005

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 and/or cite all data required for registration of your product under FIFRA sec. 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. Add the phrase EPA Registration Number "EPA Reg. No. 10324-116".

Signature of Approving Official:

Velma Noble
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

AUG 15 2001

EPA Form 8570-6

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE, containing handwritten entries: 7510C, J. [unclear], 8/14/01

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3. Based on your method of support for Acute Toxicity Data requirements, revise your Precautionary Statements by deleting the statements "May be fatal if absorbed through the skin." and "Harmful if swallowed." with "May be fatal if swallowed. Harmful if absorbed through the skin."

4. Revise the rates on your label for use of this product in paper manufacturing to agree with the cited product Reg. # 10324-97 which contains the same active ingredient as this product. Revise the directions as follows:

Pulp and Paper Mills:

Delete "Apply 0.05 to 10 gallons of this product per ton of paper produced. Alternatively, apply 0.1 to 20 gallons of this product per 100,000 gallons of white water to be treated (0.5 to 100 ppm)."

Replace with "Apply 1.2 to 2.4 fluid ounces of this product per ton (dry basis) of pulp or paper produced."

Paper Manufacturing:

Delete "Apply 0.05 to 10 gallons (100 to 20,000 ppm quat active) of this product per ton of paper produced. Alternatively, apply 0.1 to 20 gallons of this product per 100,000 gallons of white water to be treated."

Replace with "Apply 1.2 to 2.4 fluid ounces of this product per ton (dry basis) of pulp or paper produced."

Mold Inhibition on Paper and Paperboard:

Delete "This product may be applied to the white water or stock at a rate of 0.5 to 20 lbs. per ton (12.5 to 5,000 ppm quat active) of dry fiber produced."

Replace with "This product may be applied to the white water or stock at a rate of 1.2 to 2.4 fluid ounces per ton (dry basis) of dry fiber produced."

Delete "...should be applied to the dewatered pulp surfaces via applicator rolls or shower at 0.5-20 lbs. per ton (250 to 10,000 ppm quat active) of dry fiber produced."

Replace with "...should be applied to the dewatered pulp surfaces via applicator rolls or shower at 1.2 to 2.4 fluid ounces per ton of dry fiber produced."

SYMBOL						
SURNAME						
DATE						

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Also delete "Application is made at a rate of 100 to 20,000 ppm of this product in the solution applied to the paper sheet."

5. If at some time in the future you desire to change the rates at which this product is used you may submit an amendment to the Agency to document the reasons why a higher rate is needed. Advise the Agency as to whether your files include efficacy data to support these new rates. Higher rates may cause concern as to whether the previously approved lower rates on other labels are effective for this use.

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. Submit one (1) copy of the final printed label prior to the release of the product for shipment.

If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

CONCURRENCES							
SYMBOL	Enclosure (stamped label)						
SURNAME	7510C:T.Lantz:8/14/01:10324-116						
DATE							

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER

KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

(If container is 5 gallons or larger the following statement must appear on the label)

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not mix with soap, anionic detergents or oxidizers.

(If the container is greater than one gallon use the following storage and disposal statements)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.
PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL - 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.

CONTAINER DISPOSAL
(Plastic containers) Triple rinse (or equivalent), then offer for recycling with reconditioning or puncture and dispose of in a sanitary landfill or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
(Metal containers) 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.

(If container is one gallon or less use the following storage and disposal statements)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

MAQUAT MC1416-V

Controls bacteria and algae in industrial and/or commercial recirculating cooling water towers.
Controls bacteria and fungal slimes in pulp, paper mills and paper manufacturing.

ACTIVE INGREDIENT:

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)

Dimethyl benzyl ammonium chloride50.0%

INERT INGREDIENTS:.....50.0%

TOTAL100.0%

Weight approximately 8 lbs per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER

See left panel for additional precautionary statements

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage

MASON CHEMICAL COMPANY
"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road
Arlington Heights, IL 60005
847-290-1621
Toll Free:
1-800-362-1855

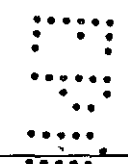


E.P.A. Reg No. 10324-*LRA*
E.P.A. Est. No. 10324-IL-1

NET CONTENTS:

BATCH NO:

ACCEPTED
with COMMENTS
EPA Letter Dated:
AUG 15 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-
116



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DIRECTIONS FOR USE

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

Do not use water containing residues from use of this product to irrigate crops for food or feed.

Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

PRODUCT APPLICATION

1. **DOSING LOCATION:** This product is to be applied at a point in the system where it will be uniformly mixed, such as at the sump.
2. **DOSING CONDITIONS:** This product should be applied when the system is in jeopardy of being affected or after cleaning systems where efficiency is already impaired. Tower bleed off valves should be closed to permit a retention time of 4 hours.

INITIAL APPLICATION FOR INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER TOWERS: SLUG OR INTERMITTENT FEEDING: When growth is evident apply 2.5 to 5.0 fluid ounces (19.5 ppm to 39 ppm) of this product per 1000 gallons of contained water. This dose may be repeated until control is achieved. When heavy growth is present system should be cleaned before treatment is begun.

SUBSEQUENT APPLICATION

When microbial control is evident apply 1.5 to 3.0 fluid ounces (12 ppm to 23 ppm) of this product per 1000 gallons of contained water. The above directions should be followed once per week or as needed to maintain control.

PULP AND PAPER MILLS

This product can be used as a slimicide in the manufacture of paper and paperboard that contacts food. Depending on the type of stock, quality of raw water, complexity of the system, and type and degree of contamination. Apply [redacted] of this product per ton of paper produced. [redacted]

APPLICATION

This product may be drip fed continuously from the drum or fed by suitable pumps. This product should be fed as early as possible in the system. Additions of this product should be made at a point in the system where mixing action is good. Suitable sites are the hydropulper, machine chest or broke system. Badly fouled process systems must be cleaned before initial treatment.

PAPER MANUFACTURING (for control of bacterial, fungi and algae).

This product can be used as a slimicide in the manufacture of paper and paperboard that contacts food.

Apply [redacted] of this product per ton of paper produced. [redacted]

Additions of this product should be made at a point in the system where mixing action is good.

MOLD INHIBITOR PAPER AND PAPERBOARD: This product is used to inhibit fungal growth, which causes discoloration, odor and degradation in paper and paperboard. This product may be applied to the white water or stock at a rate of [redacted] per ton [redacted] of dry fiber produced.

For inhibition of wet lap or sheet pulp, this product should be applied to the dewatered pulp surfaces via applicator rolls or shower at [redacted] per ton [redacted] of dry fiber produced. Application can also be made at the size press or water box. [redacted]

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 15 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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