

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
10324-136

Date of Issuance:
MAY 15 2003

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance:
CONDITIONAL

Name of Pesticide Product:
Maquat WP-80%

(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. 10324-136".

Signature of Approving Official:

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

Date:

MAY 15 2003

EPA Form 8570-6

CONCURRENCES

SYMBOL	7510C						
SURNAME	<i>S. J. [unclear]</i>						
DATE	5/14/03						

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3. The claim for protection of treated wood from termites is a claim which requires that efficacy data be submitted and reviewed by the Agency. You have chosen to use the "cite-all" method of support for this product and have identified a "me-too." Should you wish to make any changes to this product including the application rate or directions for use, be advised that efficacy data will be required.

4. Make the following revisions to the label.

A. Based on your method of support for the acute toxicity data requirements revise your "Precautionary Statements" to read exactly as follows:

"Corrosive. Causes irreversible eye damage and skin burns. *May be fatal if inhaled* or swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin, or on clothing. *Do not breath vapor or spray mist. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.* Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."

B. Revise your "Container Disposal statement to be in agreement with PR Notice 83-3 by deleting the following text: "by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by".

C. Delete the statement which immediately follows both charts: "To find the ounces of this product per gallon for other dilutions take the percent active desired and divide by 0.3906%." This calculation is inaccurate as it is not in agreement with the dilutions included in your charts.

D. Delete the reference to the use of Safetray P EPA Reg. No. 43813-15 in the directions for use of this product in combination with products containing Propiconazole. The Agency has reviewed the label for Safetray P and finds that it does not include the same uses as your product. Safetray P is for use in the treatment of wood trays in mushroom farms.

E. Revise your directions for use to be in agreement with the cited "me-too" label EPA Reg. No. 6836-212 by:

1. Adding the following statement to the directions for "Pressure Treatment" and "Double Vacuum": "*For protection against termites, wood must be treated to a minimum of 0.38 lb./ft.³*"
2. Revise the directions for "Double Vacuum" to read as follows: "...Cover all the articles with preservative solution. Reduce the pressure to -20 inches and maintain for 20 minutes. Allow the pressure to return to atmospheric and remove treated wood articles..." deleting the first instance of: "Allow the pressure to return to atmospheric and remove treated wood articles."
3. Adding the following statement to the directions for "Dip Treatment" and

~~"Brush or Spray treatment will not provide protection against termites."~~

SYMBOL							
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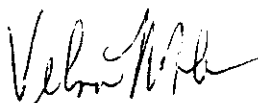
F. Revise the first section on the second page of the label to include the following:
"Treatment can be done by pressure, double vacuum, *dip, brush and/or spray, although dip, brush and spray can not be used for protection against termites.*"

G. Revise your directions for "Brush or Spray" by deleting the statement which is not in agreement with the "Precautionary Statements" for this product. Delete "mist or vapor generated by spraying this product may be harmful if inhaled." If you desire to have additional language for this product as diluted for use, you must provide toxicity data on the diluted product for review by the Agency.

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)

Enclosure: stamped label

~~7510C.T.Lantz:5/13/03:10324-136~~

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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

DANGER, Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through skin. May be fatal if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get into 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. 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 mix with oxidizers, anionic soaps and detergents
Do not use or store near heat or open flame

(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 (Larger than 1 gal.) - 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. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(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® WP-80%
A Wood Treatment Preservative

ACTIVE INGREDIENT:

Didecyl Dimethyl Ammonium Chloride 80.0%

INERT INGREDIENTS:..... 20.0%

TOTAL 100.00%

Contains 7.4 lbs of product per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER

See left panel for additional precautionary statements

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for 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 the 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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



ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 15 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-136

NET CONTENTS y

BATCH NO

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Maquat[®] WP-80% is a concentrated biocide for use as a wood preservative. When used as directed, Maquat[®] WP-80% will protect treated wood articles from the destructive attack of fungi, mold, mildew and both Reticulitermes and Formosanus species of termites. Treatment can be done by pressure, double vacuum and/or dip methods, although dip treatment can not be used for protection against termites. Wood articles that will be protected by these treatments would include millwork, construction timbers, decking, wood shingles, posts and other articles to be used in above ground applications.

Treatment can be done by brush or spray for wood shingle applications, and by pressure, double vacuum or dip method for other wood products. Wood articles that will be protected by these treatments would include millwork, construction timbers, decking, wood shingles, and posts.

DIRECTIONS FOR USE

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

This product can be used in combination with other EPA registered organic and inorganic wood preservatives or it can be used alone.

MAQUAT[®] WP-80%

Dilute this product in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound solution.

ACCEPTED
 COMMENTS:
 in EPA I...
 MAY 15 2023
 Under the F...
 Pesticide Act...
 amended for use...
 registered under...
 EPA Reg. No. 1409-65

Percent Active Quat Solution	Ounces of this product per gallon
0.5	0.80
1.0	1.60
1.5	2.40
2.0	3.20
2.5	4.00
3.0	4.80

To find the ounces of this product per gallon for other dilutions take the percent active desired and divide by 0.3906.

MAQUAT[®] WP-80% AND COPPER COMPOUNDS

Mix this product with water and either ACQ-C2 EPA Reg. No 10465-36 or ACQ-C EPA Reg. No. 10465-33. Refer to the product labels for ACQ-C and ACQ-C2 for precise mixing instructions.

MAQUAT[®] WP-80% AND BORATES

Mix this product with either Tim-Bor, EPA Reg. No. 1624-39, BORA-CARE, EPA Reg. No. 64405-1 or Cellu-Treat DOT Wood Preservative, EPA Reg. No. 64405-8, in water and stir to give a solution of the desired concentration of components following the use directions of each label.

MAQUAT[®] WP-80% AND PROPICONAZOLE

Mix this product with either Woodlife P, EPA Reg. No. 1409-65 or Safetray P, EPA Reg. No. 43813-15, and dilute with either water, mineral spirits or other light organic solvent to produce a 0.5 to 3.0% quaternary ammonium compound solution. Follow the instructions on the Woodlife P or Safetray P label for the appropriate concentration of propiconazole. PLEASE NOTE THAT THIS FORMULATION CAN ONLY BE USED FOR DIP TREATMENT.

PRESSURE TREATMENT

Place the wood article to be treated into the pressure cylinder and seal unit. Treat the wooden articles using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions should be such as

to produce a 0.1 lb./cu. foot retention in the treatment article. Such treated wood is to be used for above ground uses only.

DOUBLE VACUUM

Stack the wooden articles to be treated in the treatment vessel so that the preservative solution will have access to all sides of the articles. Seal the vessel. Reduce the pressure within the vessel to -10 inches for 5 minutes. Cover all the articles with preservative solution. Allow the pressure to return to atmospheric conditions and discharge the preservative solution. Reduce the pressure to -20 inches and maintain for 20 minutes. Allow the pressure to return to atmospheric and remove treated wood articles. Treatment conditions should be used as to produce a 0.1 to 0.6 lbs/cu.ft retention of DDAC in the treated article. Wood treated to this retention for above ground use only.

DIP TREATMENT

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wooden articles). Use a concentration of 0.5 to 3.0% active quaternary ammonium compound. The concentration should be customized to the degree of sap stain protection desired, which should be determined by an independent test on the intended species of wood.

PERSONAL PROTECTION EQUIPMENT FOR PRESSURE TREATMENT, DOUBLE VACUUM AND DIP TREATMENT

Applicators must wear gloves, which are chemical-resistant (such as nitrile or butyl) in all situations where dermal contact is expected (i.e. handling freshly treated wood and manually opening cylinder doors). Individuals who enter pressure treatment cylinders and other related equipment that are contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of all treatment solution) must wear coveralls over a long sleeved shirt and long pants, socks, chemical-resistant footwear, and protective eyewear. Federal, State and local confined space entry procedures need to be taken.

Applicators must not eat, drink or use tobacco products during those parts of the applications process that may expose them to the wood treatment formulation (e.g. manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals, handling freshly treated wood).

Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restrooms.

Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and work shoes or boots and equipment at the plant. Worn out protective clothing and work shoes or boots must be left at the plant and disposed of in a manner approved for pesticide disposal and in accordance with State and Federal regulations.

BRUSH OR SPRAY

A 0.5% to 3.0% active solution with water may be applied by brush or spray for use on wood shingles or shake roofs and siding on existing homes by commercial applicators. Low pressure equipment is recommended for spray applications. A moderately fine spray, not an aerosol or fog, generally provides the best coverage at practical product concentrations. Apply only to point of runoff. To make a 0.5% to 3.0% active solution, use the following table:

Percent Active Quat Solution	Ounces of this product per gallon
0.5	0.80
1.0	1.60

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1.5	
2.0	
2.5	4.00
3.0	4.80

To find the ounces of this product per gallon for other dilutions take the percent active desired and divide by 0.3906.

PERSONAL PROTECTION EQUIPMENT FOR BRUSH AND SPRAY APPLICATIONS

Applicators must wear gloves, which are chemical-resistant (such as nitrile or butyl). Applicators must also wear coveralls over a long sleeved shirt and long pants, socks, chemical-resistant footwear, and protective eyewear. Applicator must not eat, drink, or use tobacco during the application process. Use with adequate ventilation, mist or vapor generated by spraying this product may be harmful if inhaled. Wash thoroughly after skin contact and before eating, drinking, use of tobacco products or using restrooms. Protective clothing must be changed when it shows signs of contamination. Brush/Spray treatment may require frequent changing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated. Do not reuse them.

Follow manufacturers instructions for cleaning/maintaining protective equipment. If no such instructions exist for washables, use detergent and hot water. Keep and wash protective equipment separate from other laundry.

Worn out protective clothing and work shoes or boots must be disposed of in a manner approved for pesticide disposal and in accordance with State and Federal regulations.

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