

10324-182

03/23/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

10324-182

Date of Issuance:

MAR 20 2009

Term of Issuance:

Conditional

MAR 23 2009

Name of Pesticide Product:

Maquat MQ2525M-50 DWP

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company
721 West Algonquin Rd.
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)(B) 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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 10324-182".

Signature of Approving Official:

Velma Noble
Product Manager Team 31

Tracy Landis
for

Date:

MAR 23 2009

CONCURRENCES

SYMBOL	Regulatory Management Branch I				
SURNAME	Antimicrobials Division (7510P)				
DATE	7510C	J. Landis	3/23/09		

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b. Revise the Precautionary Statements to read exactly as follows:

“Corrosive. Causes irreversible eye damage and skin burns. *May be fatal if swallowed or inhaled. Harmful if absorbed through the skin.* Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. *When handling, wear protective eyewear (goggles or face shield), coveralls worn over long-sleeved shirt and long pants, socks, chemical resistant footwear, chemical resistant gloves and a respirator with an organic vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE pre-filter.* Wash thoroughly with soap water after handling *and before eating, drinking, chewing gum, using tobacco or using the toilet.* Remove and wash contaminated clothing before reuse.”

c. Revise the Environmental Hazards statement to begin as follows: “This product is toxic to fish, *aquatic invertebrates, oysters, and shrimp.* Do not discharge effluent...” This change is required as per the ADBAC RED.

d. Correct the statements at in the right column, first page as follows. Revise to state: “For use to Impart Control of Mold and Mildew *on (in) wallboard*”, “...Distributors of *wallboard, drywall, or ceiling tiles* containing this product...” and “...against the growth of bacteria, mold, mildew and fungi *which cause discoloration, odor and degradation* in or on the treated product...”

e. Revise page one to include mandatory language as per PR Notice 2000-5 to state: *Read ALL instructions before using this product...*”

f. Separate the marketing claims on page two to indicate those for this product as sold from those for the treated articles (wallboard paper, wallboard, drywall and ceiling tiles). Place the following under a subheading: Product Claims: “Active mold inhibitor”, “Contains no formaldehyde”, “Protect drywall (and) (ceiling) staining, deterioration...”, “This product is used to protect wallboard (and) (ceiling tiles)...”, “This product inhibits the growth of mold...” and “This product inhibits bacterial growth on...” Then add the subheading: Treated Article Claims. Place the remaining claims under this heading with the exception of “Prevents mold and mildew growth.” This claim is unacceptable as it implies long term residual activity.

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g. Place the following statement in the Directions for Use: "For Use Only at the Point of Manufacture."

h. Revise the second section of the directions for use as follows: "...DO NOT APPLY...have received the answers to all of your questions. Contact (Mason Chemical or Distributor of this product) for clarification."

i. Revise the first heading the Directions for Use to read: "Wallboard Paper/Wallboard Applications".

j. Revise the Directions for Use to state: "This product is used to inhibit bacteria...discoloration, odor and degradation in the manufacture of wallboard paper, wallboard, drywall, gypsum, ceiling tiles and paperboard wet lap." This provides clarity as to the type of materials that are treated.

k. Revise the Directions for Use to state: "This product is used to treat wallboard paper (a cellulose nonwoven)..." This change provides clarity as to the type of materials that are treated.

l. Revise these statements in the Application Instructions to be in agreement with PR Notice 2000-5 as follows: "This product is used to treat materials (Via surface application). For paper products, treat via a size press..." and "This product is applied to the gypsum core of..."

m. Revise the following statement in the ceiling tiles instructions: "this product is added at any time during the formulation procedure/cycle."

n. Revise the subheading: "Paper, Wallboard (Drywall and gypsum (Core) and Paperboard" to read: "Wallboard Paper/Paperboard (Drywall and Gypsum Board) Gypsum (Core)". This clarifies that this product is only for treatment of paper associated with wallboard.

General Comments

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.

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A stamped copy of the label and Exposure Assessment for this new use is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



for

Velma Noble
Product Manager 31
Regulatory Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)
7510P:T. Lantz:3/19/09:10324-182

CONCURRENCES

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SURNAME							
DATE							



MASON CHEMICAL COMPANY

"The Quaternary Specialists"

721 W. Algonquin Road | Arlington Heights, IL 60005 | 847-290-1621 or 800-362-1855

E.P.A. Reg. No. 10324-XXX

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

MAQUAT[®] MQ2525M-50 DWP

Net Contents:

Batch No:

**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 the skin. Harmful 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 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 mix with oxidizers, anionic soaps and detergents.

(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, 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 sidewalls. Do not reuse empty container. Wrap and discard in trash (or recycle).

UN1903, PG II
Corrosive
Disinfectant Liquid Corrosive NOS (Quaternary Ammonium Compound), 8, UN1903, PG II

For Use to Impart Control of Mold and Mildew on (in) Wallboard (and) (ceiling Tiles)

For Use to Inhibit the growth of non-health related organisms such as bacteria, mold, mildew and fungus that cause odor, stains, discoloration, decay and deterioration of treated materials.

(Distributors of product containing this product may not make claims of antimicrobial activities other than the protection of the treated material against the growth of bacteria, mold, mildew and fungi in or on the treated product. See 40 CFR 152.25(a) for further guidance about treated article claims. This product does not protect users or others against food-borne or disease-causing bacteria.)

Please read ALL instructions before using this product. All applicable use directions must be followed precisely.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 60%; C ₁₆ 30%; C ₁₂ , 5%, C ₁₈ , 5%)	25.00%
dimethyl benzyl ammonium chloride	25.00%
Alkyl (C ₁₂ , 68%; C ₁₄ 32%)	25.00%
dimethyl ethylbenzyl ammonium chloride	50.00%
INERT INGREDIENTS:	100.00%
TOTAL	100.00%

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KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left (right) (side) (back) panel for additional precautionary statements

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.

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MARKETING CLAIMS

(Note to reviewer the term "Sheetrock" can be substituted in for the word Drywall.)

Active mold inhibitor.

Anti-mold drywall (and) (ceiling tiles)

Mold Resistant Drywall (Ceiling Tile(s))

Provides mold and mildew resistance.

Contains no formaldehyde.

Prevents mold and mildew growth

Mold and mildew (protection) (protectant) (resistant)

Mold fighter

For use in areas of high humidity.

For use in areas of high moisture.

For use in areas where moisture is a problem.

(Perfect) For finished basements

This product contains an EPA registered active ingredient for the control of mold and mildew on wallboard (and) (ceiling tiles).

Protect drywall (and) (ceiling) from staining, deterioration, and odors cause by bacteria, fungus (mold and mildew) and algae.

Provides extra protection against mold and mildew as compared to untreated wallboard. Provides, at proper use level, a score of 10 on ASTM D3273.

This product is used to protect wallboard (and) (ceiling tiles) from decay, mold or mildew.

This product inhibits the growth of mold and mildew and their odors when used as directed.

This product inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.

DIRECTIONS FOR USE

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

If you need help in understanding any part of these instructions or have additional questions after reading these instructions, **DO NOT APPLY THIS PRODUCT** until you have received the answers for all your questions.

PAPER/WALLBOARD APPLICATIONS

MOLD INHIBITION IN WALLBOARD/DRYWALL, GYPSUM (CORE) AND CEILING TILES

This product is used to inhibit bacteria, fungi/mold and algae growth, which causes discoloration, order and degradation in paper, paperboard or wet lap

The product is used to treat paper products (a cellulose nonwoven) to provide, inhibit or prevent the growth of microbial organisms.

This product is used to inhibit fungal growth, which causes discoloration, odor and degradation in wallboard/drywall.

This product is used to inhibit fungal growth, which causes discoloration, odor and degradation in the gypsum core of drywall.

This product inhibits the growth of fungi in paper on wallboard (drywall and gypsum board) and ceiling tiles.

This product will inhibit fungal, mold, and mildew growth, which causes discoloration, odor and degradation in wallboard (drywall and gypsum board) and ceiling tiles.

PREVENTATIVE ANTIFUNGAL TREATMENT

APPLICATION INSTRUCTIONS

The product may be used to treat materials (via surface application). For paper products, this means via a size press, coater (either during (on-line) or after (off-line) production of the sheet) or at the calendar stack. The product is dried by evaporation. Evaporation of the water liquid phase can be accomplished by ambient conditions (the solution is applied to a hot sheet) or using driers that facilitate the evaporation of water. Examples of common driers include hot rollers and infrared heaters.

Paper, Wallboard (Drywall And Gypsum Board) Gypsum (Core) And Paperboard

Add this product to the white water or stock at rates of 2 to 5.5 pounds of product per ton of dry fiber in paper, wallboard or paperboard. Alternatively, application may be made at the size press, water box, or as a coating at a rate of 2 to 5.5 lbs. of product per ton applied to the paper.

This product may also be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 2 to 5.5 lbs. product per 1,000 lbs wet slurry at any time during the formulation process/cycle.

Only apply this product by metering pump or an equivalent closed system.

Ceiling Tiles

To inhibit the growth of fungi, mold and mildew in ceiling tiles and in mineral-based building materials used in the manufacture of ceilings add 2 to 5.5 pounds of product per 1000 pounds wet slurry or coating.

This product can be added at any time during the formulation procedure/cycle.

Only add this product by metering pump or an equivalent closed system.