

10324-183

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:

10324-183

Date of

Issuance:

MAR 23 2009

Term of Issuance

Conditional

Name of Pesticide Product:

Maquat Deter Antimicrobial
Agent

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. 10324-183".

Signature of Approving Official:

Date:

Velma Noble
Product Manager Team-31

Tracy Lantz for

MAR 23 2009

Regulatory Management Branch I

CONCURRENCES

SYMBOL

Antimicrobials Division (7510P)

SURNAME

EPA Form 8570-6

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3/23/09

DATE

J. Lantz

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

“WARNING: Causes substantial but temporary eye injury and skin irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear face shield, or safety glasses, protective clothing and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.”

4. 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 or drywall.”, “...Distributors of *wallboard or drywall* 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...”

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

6. Separate the marketing claims on page two to indicate those for this product as sold from those for the treated articles (wallboard paper and wallboard). Place the following under a subheading: Product Claims: “Active mold inhibitor”, “This product is used to protect treated wallboard...”, “This product inhibits the growth of mold...” and “This product inhibits bacterial growth on...” Then add: Treated Article Claims: “Provides mold and mildew resistance” and “Provides extra protection against mold and mildew as compared...”

7. 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.*”

8. Revise the first heading the Directions for Use to read: “*Wallboard Paper/Wallboard Applications*”.

9. Revise the Directions for Use to state: “This product is used to inhibit bacteria....*odor* and degradation in paper used *in the manufacture of* drywall or wallboard.” This provides clarity as to the type of paper that is treated.

10. Revise the Directions for Use to state: “This product *is* used to treat *paper* materials via surface application *using* a size press, coater (either during....” This change brings this statement into agreement with PR Notice 2000-5.

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SURNAME								
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11. Revise these statements in the Directions for Use for paper applied to wallboard to be in agreement with PR Notice 2000-5 as follows: "Application of this product *is* made at a point...", "Application *is* made at the size press...", "This product *is* drip fed continuously...", "Apply to the white water or stock at a rate of 0.5 lb.-20.0 lb per ton...", "For *treatment* of wet lap or sheet pulp, this product *is* applied to the..." and "Use *these methods* to assure uniform coverage of surfaces..."

12. Revise these statements in the Directions for Use for treatment of wallboard core material to be in agreement with PR Notice 2000-5 as follows: "This product *is* added to the wet gypsum slurry..." and "This product *is* used during the mixing of the wallboard slurry. Maquat Deter *is* pumped and blended..."

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.

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,

Tracy Lantz

for

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

Enclosure: (Stamped Label)
7510P:T. Lantz:3/19/09:10324-183

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

EPA Reg. No. 10324-XXXX

EPA Est. No. 10324-IL-1

ANTIMICROBIAL AGENT

Net Contents:

Batch No:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Keep Out of Reach of Children. Causes eye or skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

(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).

(Note to Reviewer: This information has been verified per DOT regulations. It is NOT required to be on the label but is being requested by a customer.)

Transportation Information

DOT Hazard Class: Not determined.

DOT Proper Shipping Name: Not determined.

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPRIADAS DE TRABAJAR CON ESTE PRODUCTO

RECEIVED
with COMMENTS
in EPA Letter Dated:

MAR 23 2009

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

10324-183

For Use to Impart Control of Mold and Mildew on or in wallboard or drywall.

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.

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 60%; C ₁₆ , 30%; C ₁₂ , 5%, C ₁₈ , 5%)	0.125%
dimethyl benzyl ammonium chloride	0.125%
Alkyl (C ₁₂ , 68%; C ₁₄ , 32%)	0.125%
dimethyl ethylbenzyl ammonium chloride	0.125%

INERT INGREDIENTS: 99.750%

TOTAL 100.000%

KEEP OUT OF REACH OF CHILDREN

WARNING PELIGRO

See left 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

Active mold inhibitor.

Provides mold and mildew resistance.

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 treated wallboard paper and core material 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

This product is used to inhibit bacteria, fungi/mold and algae growth, which causes discoloration, order and degradation in paper used on drywall or wallboard.

The product is used to treat wallboard/drywall to provide, inhibit or prevent the growth of microbial organisms.

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.

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

USE DIRECTIONS FOR PAPER APPLIED TO WALLBOARD OR DRYWALL:

Application of this product should be made at a point in the system where mixing action is good. Application can also be made at the size press or water box. This product may be drip fed continuously from the drum, and/or showered to the wet sheet or fed by suitable pumps.

Apply at a rate of 0.5 to 20.0 pounds of this product per ton (dry basis) of pulp or paper produced. (Alternate statement: This product may be applied to the white water or stock at a rate of 0.5 lb. - 20.0 lb. per ton 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 0.5 lb. - 20.0 lb. per ton of dry fiber produced. Application is made at the rate of 200 to 20,000 ppm of this product in the solution applied to the paper sheet.

Assure uniform coverage of surfaces to be protected and thoroughly wet all treated surfaces completely.

USE DIRECTIONS FOR TREATMENT OF WALLBOARD CORE MATERIAL:

This product may be added to the wet gypsum slurry at a mixing head box just prior to the flow of the slurry onto the conveyor to form the wallboard. Apply at a rate of 1 gallon per minute (8.33 pounds) for ½ inch drywall, corresponding to slurry flow (1450 pounds slurry/minute).

This product can be used during the mixing of the wallboard slurry. Maquat® Deter should be pumped and blended with the water used to make the slurry, just prior to its addition to the slurry mixer. Apply at a rate of 4-6 pounds of this product per 1,000 pounds of wallboard slurry.