

10324-183

9/28/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Erin Tesch
Agent for Mason Chemical Company
Technology Sciences Group, Inc.
1150 18th Street, N.W., Suite 1000
Washington, D.C. 20036

SEP 28 2010

Subject: Maquat Deter Antimicrobial Agent
EPA Registration No.: 10324-183
Amendment Date: June 30, 2010
EPA Receipt Date: June 30, 2010

Dear Ms. Tesch,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the condition listed below:

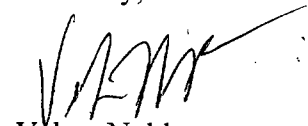
Condition

Revise the Container Disposal statement on page 3 to be in agreement with PR Notice 83-3. Add the following language and rearrange the text as follows: "...other than pesticides or diluted pesticides (rinsate). *Triple rinse. If rinsate cannot be used follow Pesticide Disposal instructions. Offer for recycling...*"

General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped Label

7510P: T.Lantz: 9/27/10: 10324-183 label amendment CONCURRENCES

SYMBOL	7510P							
SURNAME	J. Lantz							
DATE	9/27/10							



MASON CHEMICAL COMPANY

"The Quaternary Specialists"

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

EPA Reg. No. 10324-183

EPA Est. No. 10324-IL-1

MAQUAT™ DETER
ANTIMICROBIAL AGENT

Net Contents:

Batch No:

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

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.

(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.

(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 APROPIADAS ANTES DE TRABAJAR
CON ESTE PRODUCTO**

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

SEP 28 2010

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 (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 wallboard or drywall 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 which cause discoloration, odor and degradation 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.

Read ALL instructions before using this product. All applicable use directions must followed precisely.

ACTIVE INGREDIENTS:

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

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.

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MARKETING CLAIMS

Product Claims:

Active mold inhibitor.

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.

Treated Article Claims:

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.

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 to all your questions. Contact (Mason Chemical Company or Distributor of this product) for clarification.

WALLBOARD PAPER/WALLBOARD APPLICATIONS

MOLD INHIBITION IN WALLBOARD/DRYWALL

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

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

This product is used to treat paper materials via surface application using 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 is made at a point in the system where mixing action is good. Application is made at the size press or water box. This product is 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: Apply to the white water or stock at a rate of 0.5 lb. – 20.0 lb. per ton of dry fiber produced.) For treatment of wet lap or sheet pulp, this product is 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.

Use these methods to 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 is 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 is used during the mixing of the wallboard slurry. Maquat® Deter is 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.

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(Note to reviewer: The title and first statement of this section must appear on every label, followed by the appropriate Storage and Disposal section. Only one statement in parenthesis in each section will be used. All "Notes" are only for reviewers and will not be included on label.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

*(FOR USE ON NON-REFILLABLE CONTAINERS WITH
INSTITUTIONAL/COMMERCIAL/INDUSTRIAL)*

(Note: To be used with either Nonpublic health or Public health uses in this section. Only one statement in parenthesis will be used.)

(Note: For use on containers greater than one gallon)

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep (this product) (Product Name) under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

(Note: For use on containers greater than one gallon)

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: *(Note: Only one of the following Container Disposal paragraphs will be used, depending on packaging type.)*

Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow Pesticide Disposal instructions.

(FOR USE ON REFILLABLE CONTAINERS)

(Note: The following text must be used on all refillable containers greater than five gallons.)

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep (this product) (Product Name) 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.

(Note to Reviewer: Only one of the following paragraphs will be used for Residue Removal/Container Disposal on all refillable and non-refillable Industrial/Commercial/Industrial labels.)

(For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses)

RESIDUE REMOVAL INSTRUCTIONS: To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Empty remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. (Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds) (Agitate vigorously or recirculate water for 30 seconds). Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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