

10324-182

10/29/2009

10/26



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

OCT 29 2009

Ms. Elizabeth Tannehill  
Mason Chemical Company  
721 W. Algonquin Road  
Arlington Heights, IL 60005

Subject: Maquat MQ2525M-50 DWP  
EPA Reg. No.: 10324-182  
Notification Dated: September 15, 2009  
EPA Receipt Date: October 1, 2009

Dear Ms. Tannehill,

This letter acknowledges receipt of your notification submitted in connection with registration under the provisions of PR Notice 98-10 and Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9.

**Proposed Notification**

Revise Storage and Disposal Statements per 40 CFR 156.

**General Comments**

Based on a review of the material submitted, your notification to add to update the storage and disposal statements per 40 CFR 156 is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233 or Jacqueline McFarlane at (703) 308-6416.

Sincerely,

A handwritten signature in black ink, appearing to read "Velma Noble".

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

2096



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 10324-182	2. EPA Product Manager Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Maquat MQ2525M-50 DWP	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Mason Chemical Company 721 W. Algonquin Rd. Arlington Heights, IL 60005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation: Use additional page(s) if necessary. (For section I and Section II.)**

We are changing the storage and disposal statements on our label per 40CFR156.  
 This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
 We feel this is a Notification and requires no fee payment. We understand the EPA will contact us with payment information, if needed, upon receipt of application.  
 Contact Information: Elizabeth (Liz) Tannehill, liz@maquat.com voice number 847-290-1621 fax number 847-290-1625

**Section - III**

**1. Material This Product Will Be Packaged In:**

Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
1 qt., 1 gal., 5 gal., 55 gal.

5. Location of Label Directions  
 On Label

6. Manner in Which Label is Affixed to Product  
 Lithograph  Paper glued  Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Elizabeth Tannehill	Title Regulatory Manager	Telephone No. (Include Area Code) 847-290-1621
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**Certification**  
 I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Regulatory Manager	6. Date Application Received (Stamped)
4. Typed Name Elizabeth Tannehill	5. Date 9/14/09	



# MASON

CHEMICAL COMPANY

"The Quaternary Specialists"

September 15, 2009

Velma Noble  
Document Processing Desk (AMEND)  
Office of Pesticide Programs (7510P), PM31  
U.S. Environmental Protection Agency  
Room S4900, One Potomac Yard  
2777 S. Crystal Dr.  
Arlington, VA 22202

Subject: Maquat<sup>®</sup> MQ2525M-50 DWP (10324-182)  
Notification

Dear Velma,

This is a Notification for a label change per the Container Rule (40CFR 156) and does not require a fee.

Enclosed are the following items:

1. **Application/Notification form** – for Maquat<sup>®</sup> MQ2525M-50 DWP (10324-182)
2. **One (1) copy of all labels** – for Maquat<sup>®</sup> MQ2525M-50 DWP (10324-182)

We are **changing the storage and disposal statements on our label per 40CFR156**. Per a letter from Nancy Fitz to the Biocides Panel (of which we are a member), we understand that AD will now be accepting our statements but will be looking to change them in the future. We are directly copying the wording provided in the Container Rule as applicable and are asking that you accept it at this time in order to comply with the ruling's deadline. In addition, we have also added residue instructions per your letter dated 9/4/09.

This product is used with different kinds of containers. Therefore, we have included all applicable language on these labels in order to give our distributors/supplemental registrants a choice in the language they will need for their container. We are asking that you accept all of the container language we are proposing at this time.

**These are the ONLY changes/additions being made at this time.**

If you have any questions or need any further information, please do not hesitate to contact me at (800) 362-1855 or [liz@maquat.com](mailto:liz@maquat.com). Your prompt attention to this matter is most appreciated.

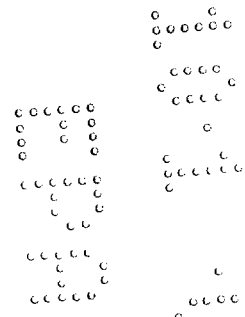
Very truly yours,

MASON CHEMICAL COMPANY



Elizabeth Tannehill

Enclosures





**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. 10324-182

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

**MAQUAT<sup>®</sup> MQ2525M-50 DWP**

Net Contents

Batch No.

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

**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-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 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, aquatic invertebrates, oysters, and shrimp. 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.

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.

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 wallboard, drywall, or ceiling tiles 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 be followed precisely.

**ACTIVE INGREDIENTS:**

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

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

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

*(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:** 8 Corrosive

**DOT Proper Shipping Name:** Disinfectant Liquid Corrosive NOS (Quaternary Ammonium Compound), 8, UN1903, PG II.

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

**NOTIFICATION**

Date Reviewed: 10/29/09  
Reviewed By: J. Caplett

40610

## MARKETING CLAIMS

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

### Product Claims:

Active mold inhibitor.

Contains no formaldehyde.

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

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.

### Treated Article Claims:

Anti-mold drywall (and) (ceiling tiles)

Mold Resistant Drywall (Ceiling Tile(s))

Provides mold and mildew resistance.

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).

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.

For Use Only at the Point of Manufacture.

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 or Distributor of this product) for clarification.

## WALLBOARD 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, odor and degradation in the manufacture of paper, wallboard, drywall, gypsum, ceiling tiles and paperboard wet lap.

The product is used to treat wallboard paper (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 is used to treat materials (via surface application). For paper products, treat 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.

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

Add this product to the white water or stock at rates of 2 to 40 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 20 lbs. of product per ton applied to the paper.

This product is applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 2 to 10 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 10 pounds of product per 1000 pounds wet slurry or coating.

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

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

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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.)

## STORAGE AND DISPOSAL

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

(FOR USE ON NON-REFILLABLE CONTAINERS WITH WITH  
INSTITUTIONAL/COMMERCIAL/INDUSTRIAL NON-PUBLIC HEALTH USES ONLY)

**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 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 HANDLING DISPOSAL:** 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. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

**RESIDUE REMOVAL INSTRUCTIONS (For containers less than 5 gallons):** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**RESIDUE REMOVAL INSTRUCTIONS (For containers greater than 5 gallons):** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ 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. 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 for later use or disposal. Repeat this procedure two more times.

**BATCH CODE:** (Can be placed on container or label)

(FOR USE ON REFILLABLE CONTAINERS – 5 gallon and 55 gallon containers)

**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 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 HANDLING DISPOSAL:** Triple rinse (or equivalent). Refill this container with this product only. Do not reuse this container for any other purpose.

**RESIDUE REMOVAL INSTRUCTIONS (For containers greater than 5 gallons with Industrial/Commercial/Non-public Health Uses):** 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. 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 ¼ 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. 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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