

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUL 25 2012

Subject Maquat® MQ2525M-50 PWP  
EPA Registration No 10324 182  
Application Dated April 24 2012  
EPA Receipt Date May 2 2012

Dear Ms Tannehill

The following amendment submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) section 3 ( C ) ( 7 ) ( A ) as amended is acceptable with comments listed below

- Response to EPA letter dated 4/11/12

**Conditions**

Revise the For Use on Refillable Containers with Commercial/Industrial Uses" as follows

- Add the following statement to the section beginning 'Cleaning the container before final disposal " and ending ' is the responsibility of the refiller " Add "*When empty return to point of sale for refilling* "
- Add the following statements to both the Container Handling/Residue Removal Instructions for all refillable containers except fixed tank containers as well as fixed tanks Revise to begin "*Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose To clean the container* "
- Add the following statement to both the Container Handling/Residue Removal Instructions for all refillable containers except fixed tank containers as well as fixed tanks Revise to end as follows "*Puncture or dispose of in a sanitary landfill or by other procedures approved by State and local authorities* "

CONCURRENCES

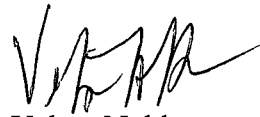
SYMBOL								
SURNAME								
DATE								

- Add the following statements to the Container Handling/Residue Removal Instructions for fixed tanks Revise to include ' application equipment or a mix tank *and continue to drain for 10 seconds after the flow begins to drip Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds Drain for 10 seconds after the flow begins to drip Drain rinsate into application*

**General Comments**

A stamped copy of the accepted labeling with conditions is enclosed Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling Should you have any questions concerning this letter please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308 6233

Sincerely



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

**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 182**  
**EPA Est No 10324 IL 1**

**MAQUAT 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.

**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. **ACCEPTED** may compound the use of gastric lavage. **IN EPA Letter Dated**

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.

(Product of USA) (Made in the USA)

**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%)  
 dimethyl ethylbenzyl ammonium chloride

25.00%

50.00%

100.00%

**INERT INGREDIENTS**

**TOTAL**

**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.**

**DANGER IF YOU CANNOT READ ENGLISH ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

(Manufacturing and/or Lot no. Date)

**JUL 25 2012**

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No. 10324 182

**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**

**GYPSONUM (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 wallboard 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**

(Note to reviewer The title and first statement of this section must appear on every label followed by the appropriate Storage and Disposal section Brackets [ ] indicate that one option within the brackets MUST be used in the final label text Each option within the brackets is enclosed in a set of parenthesis ( ) 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 COMMERCIAL/INDUSTRIAL USES)

(Note For use on containers of 5 gallons or less)

**PESTICIDE STORAGE** Store only in original container Keep from freezing if a leaky container must be contained within another mark the outer container to identify the contents 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

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUL 25 2021**

Under the Federal Insecticide Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No 1033418

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/RESIDUE REMOVAL** Non refillable container Do not reuse empty container Triple rinse as follows Fill container / full with water and recap Shake for 10 seconds Follow Pesticide Disposal instructions for rinsate disposal Drain for 10 seconds after the flow begins to drip Repeat procedure two more times Wrap container and put in trash or offer for recycling or reconditioning if not available puncture and dispose of in a sanitary landfill

**SPILL OR LEAK PROCEDURES** Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated Large spills should be contained and the material then moved into containers and disposed of by approved methods for hazardous wastes

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

(Note For use on containers greater than 5 gallons)

**PESTICIDE STORAGE** Open dumping is prohibited Store only in original container Keep from freezing if a leaky container must be contained within another mark the outer container to identify the contents 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** (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

(Note Several of our customers packaging options are sealed containers or bottles designed to reduce worker exposure to the concentrate None of these can be triple rinsed because they are closed sealed containers The following text will be used on these non refillable sealed container types only )

Nonrefillable container Do not reuse or refill this container Wrap empty container and put in trash

**RESIDUE REMOVAL INSTRUCTIONS** To clean the container before final disposal empty the remaining contents from this container into [(application equipment) (a mix tank)] Fill the container / 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 then 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) (Agitate vigorously or recirculate water for 30 seconds)] Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Follow Pesticide Disposal instructions for rinsate disposal Repeat this procedure two more times

**(FOR USE ON REFILLABLE CONTAINERS WITH COMMERCIAL/INDUSTRIAL USES)**

(Note For use on all refillable containers )

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 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

(For use on all refillable containers except fixed tank containers)

**CONTAINER HANDLING/RESIDUE REMOVAL INSTRUCTIONS** Refillable container To clean the container before final disposal empty the remaining contents from this container into [(application equipment) (a mix tank)] Fill the container / 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 then 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) (Agitate vigorously or recirculate water for 30 seconds)] Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times Follow Pesticide Disposal instructions for rinsate disposal

(Note To be used on fixed tanks only)

**CONTAINER HANDLING/RESIDUE REMOVAL INSTRUCTIONS** Refillable container To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Drain rinsate into application equipment and dispose of according to Pesticide Disposal instructions Triple rinse container (or equivalent) promptly after emptying Continue to drain for 10 seconds after the flow ends Repeat this procedure two more times

Made in USA



ACCEPTED  
with COMMENTS  
in EPA Letter Dated.

JUL 25 2012

Under the Federal Insecticide

Fungicide and Rodenticide Act as

amended for the pesticide

registered under EPA Reg No.

10324 182

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