

10324-79

9/13/2011

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

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

SEP 13 2011

Subject: Maquat 3.8-M  
EPA Registration No. 10324-79  
Amendment Date: July 08, 2011  
EPA Receipt Date: July 26, 2011

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) is acceptable with the conditions below.

**Proposed Amendment**

- Revise Storage and Disposal

**General Comments**

A stamped copy of the accepted labeling 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 Velma Noble at (703) 308-6233.

Sincerely,

Velma Noble  
Acting Product Manager (31)

**CONCURRENCES** Regulatory Management Branch  
Antimicrobials Division (7510P)

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|---------|--|--|--|--|--|--|--|
| SYMBOL  |  |  |  |  |  |  |  |
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**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. 10324-79  
 E.P.A. Est. No. 10324-IL-1

**MAQUAT<sup>®</sup> 3.8-M**

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. Harmful if swallowed or absorbed through the skin. Do not get in 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**

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

Disinfectant, Cleaner, Sanitizer, Fungicide, Mildewstat, Virucide\*-  
 Deodorizer, with Organic Soil Tolerance For Hospitals, Institutional and  
 Industrial Use

**ACTIVE INGREDIENTS:**

|   |                |
|---|----------------|
| Octyl Decyl Dimethyl Ammonium Chloride .....  | 1.14%          |
| Dioctyl Dimethyl Ammonium Chloride .....  | 0.57%          |
| Didecyl Dimethyl Ammonium Chloride .....  | 0.57%          |
| Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%)<br>dimethyl benzyl ammonium chloride..... | 1.52%          |
| <b>INERT INGREDIENTS:</b> .....   | <b>96.20%</b>  |
| <b>TOTAL:</b> .....   | <b>100.00%</b> |

**KEEP OUT OF REACH OF CHILDREN**

**DANGER 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 doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ACCEPTED**  
 SEP 13 2011  
 Under the Federal Insecticide, Fungicide, and  
 Rodenticide Act as amended, for the  
 pesticide, registered under  
 EPA Reg. No. 10324-79

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## DIRECTIONS FOR USE

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

This product is a proven "one-step" - cleaner-disinfectant - mildewstat - sanitizer - fungicide - virucide in the presence of moderate amounts of organic soil.

Apply this product to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bed frames with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

**DISINFECTION** - To disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes. Wipe excess or allow to air dry. For heavily soiled areas, a preliminary cleaning is required prior to disinfection. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**For Hospitals and Nursing Homes**, add 2 oz. per gallon of water. The activity of this product has been evaluated in the presence of 5% serum by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

|                             |                           |
|-----------------------------|---------------------------|
| Pseudomonas aeruginosa      | Streptococcus faecalis    |
| Escherichia coli            | Salmonella choleraesuis   |
| Klebsiella pneumoniae       | Staphylococcus aureus     |
| Shigella dysenteriae        | Salmonella schottmuelleri |
| Brevibacterium ammoniagenes | Serratia marcescens       |
| Enterobacter aerogenes      |                           |

**For Schools, Non-Medical Institutional and Industrial Uses:** At 1 oz. per gallon of water. This product delivers excellent cleaning and germicidal effectiveness. It is effective against Staphylococcus aureus, Salmonella choleraesuis and Escherichia coli based on AOAC use dilution testing.

### FUNGICIDAL PERFORMANCE

This product at 1 oz. per gallon is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

**Mold and Mildew Control** - At 1 oz. per gallon, this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

**\*Virucidal Performance** - At 1 oz. per gallon use level, this product was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil Herpes Simplex and Vaccinia on hard non-porous surfaces.

At 2 ozs. per 1 gallon in the presence of 5% blood serum for a two minute contact time this product was found to be effective against HIV-1 (AIDS Virus).

**Effective against HIV on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids**, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type I (HIV-1) (associated with AIDS).

### SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

**PERSONAL PROTECTION:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**DISPOSAL of INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**CONTACT TIME:** Leave surfaces wet for two minutes. This contact time will not control other common types of viruses and bacteria.

**Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.)** - At 1/2 oz. per gallon use-level. This product is an effective sanitizer agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds. Wipe excess or allow to air dry. For heavily soiled areas, a preliminary cleaning is required prior to sanitization. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**To Clean and Deodorize** - Add 2 oz. per gallon of water. Swab with cloth, mop or mechanical spray device so as to thoroughly wet surfaces. Wipe excess or allow to air dry. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

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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. 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 HOUSEHOLD/RESIDENTIAL USES)*

**PESTICIDE DISPOSAL/CONTAINER HANDLING/CONTAINER DISPOSAL:** Non-refillable container. Store only in original container in areas inaccessible to children. Triple rinse container. Do not reuse empty container. Wrap (container) and put in trash or offer for recycling if available.

*(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.)*

*(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.

*(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.

*(Note: The following text will be used on the BAG in BOX container types only. No Residue Removal instructions are used when BAG in BOX container disposal instructions is used.)*

**BAG in BOX CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incinerations, or by other procedures allowed by state and local authorities.

*(Note: For use on containers of one gallon or less. The following replaces the above "Pesticide Storage" "Pesticide Disposal" and "Container Disposal" directions in the INSTITUTIONAL/COMMERCIAL/INDUSTRIAL section.)*

**CONTAINER DISPOSAL/PESTICIDE STORAGE:** Non-refillable container. Store only in original container. Do not reuse empty container. 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. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap (container) and put in trash or offer for recycling if available.

*(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 INSTITUTIONAL/COMMERCIAL/Industrial labels.)*

*(Note: For containers up to and including 5 gallons)*

**RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ 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 this procedure two more times.

*(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 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) (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.

*(For containers greater than 5 gallons with Industrial/Commercial Public Health Uses)*

**RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, triple rinse as follows: Fill container ¼ full with water. [(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 its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

*(For containers up to and including 5 gallons – Refillable containers only.)*

**CONTAINER HANDLING/RESIDUE REMOVAL:** Refillable container. Refill this container with [(this brand) (This product) (Product Name) (pesticide)] only. Do not reuse this container for any other purpose. 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 and store for later disposal. Fill 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. Store rinsate for later disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

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