

SEP - 9 2004

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

SUBJECT: Maquat DS 1412-10%  
EPA Registration Number: 10324-25  
Application Dated: April 1, 2004  
Receipt Date: March 30, 2004

Dear Ms. Elizabeth Tannehill:

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the conditions listed below:

- new use for the product: water bed treatment

**Conditions**

Revise the label as follows:

Make the following revisions to page two:

1. As per the last stamped label, revise to indicate: "...surfaces such as bathroom fixtures, *toilet bowl exteriors*, showers, locker rooms..."

2. Revise the directions for "General Disinfectant-Non-medical" to read as follows: "...portable sprayers may also be used.) *To pre-clean*, spray entire area with a solution of 1/2 oz. of this product to 1 gallon of water. Let stand for a few minutes to loosen dirt. *Then repeat treatment and let stand for 10 minutes to disinfect. Let air dry.* Prepare a fresh..."

CONCURRENCES							
SYMBOL	7510C						
SURNAME	J. Jent						
DATE	9/7/04						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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**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.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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 (7510C)

Enclosure: Stamped Label  
7510C:T.Lantz:9/3/04:10324-25a

CONCURRENCES							
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SURNAME							
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**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 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.

*(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, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of 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, ~~appropriate~~ **with COMMENTS** storage area. Keep from freezing. Do not contaminate water, food, or feed by storage or disposal. Small spills may be mopped up or flushed away with water or absorbed on some absorbent material. Wrap container and put in trash. Securely wrap original container in several layers of newspaper and discard in trash.

SEP 9 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10324-25

**MAQUAT<sup>®</sup> DS 1412-10%**

**DETERGENT/DISINFECTANT**

Disinfectant, Detergent, Deodorizer, Germicide, Bactericide

Especially prepared for Restaurants, Schools, Hospitals, Institutions, Hotels & Motels, Waterbed Conditioner.

Controls the growth of odor-causing and slime-forming bacteria. Prevents bubbles, preserves plasticizers, conditions vinyl interior, sequesters minerals.

**ACTIVE INGREDIENTS:**

n-Alkyl (50%C<sub>14</sub>, 40%C<sub>12</sub>, 10%C<sub>16</sub>)

dimethyl benzyl ammonium chloride..... 10.00%

**INERT INGREDIENTS:** ..... 90.00%

**TOTAL:** ..... 100.00%

**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 or doctor for further treatment advice.

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

**MASON CHEMICAL COMPANY**

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road  
Arlington Heights, IL 60005  
847-290-1621  
Toll Free.  
1-800-362-1855

E.P.A. Reg. No. 10324-25  
E.P.A. Est. No. 10324-IL-1

NET CONTENTS

BATCH NO

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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.

Do not mix with any other cleaner or detergent.

### DISINFECTION

Apply this product to hard non-porous surfaces such as bathroom fixtures, showers, locker rooms, glazed tiles, walls, floors, tables, exterior surfaces of refrigerators and stoves, sinks and garbage cans with a cloth, sponge, mop or mechanical spray device as to thoroughly wet all surfaces. A ten-minute contact time is required. Let air dry. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution at least daily or when used solution becomes visibly dirty. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes. When used on surfaces which contact food, follow with a potable water rinse.

To disinfect heavily contaminated surfaces, a pre-cleaning is required. It may be necessary to use a brush to remove deeply imbedded soils. Then spray these surfaces to rinse. Wet all surfaces thoroughly with a solution of 1 oz. of this product to each gallon of water. A ten-minute contact time is required for disinfection. Let air dry.

**General Disinfectant – Non-medical** (Floors, walls, garbage cans, refuse rooms, or other hard to reach areas with corners and cracks): Use garden hose with spray attachment of the type used for lawns and shrubs (portable sprayers may also be used). To disinfect, spray entire area with solution of ½ oz. of this product to 1 gallon of water. Let stand for a few minutes to loosen dirt. Prepare a fresh solution at least daily or when solution becomes visibly dirty.

At 1 oz. per gallon and in the presence of 5% blood serum for 10 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** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or 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 1 (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 10 minutes.

**Veterinary Clinics/Animal Life Science Laboratory/Pet Shop/Kennels/Breeding and grooming Establishment/Tack Shops Disinfection Directions:** For cleaning and disinfecting the following hard, non-porous surfaces: equipment, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or transversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 5 ounces per 5 gallons of water (or equivalent dilution) (780 ppm active quat) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse.

### FARM PREMISE DISINFECTION DIRECTIONS

**For use in Equine, Dairy and Hog Farms:**

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barn, pens, chutes and other facilities and fixtures occupied or transversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the recommended disinfecting or virucidal solution for a period of 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels, scrappers used in removing litter and manure.
7. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set and dried.

Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

**General Deodorization:** To deodorize wet all surfaces thoroughly with a solution of ½ oz. of this product to each gallon of water.

**Linens, bedsheets, cloth diapers:** To deodorize clothing and linens, wash and rinse, then immerse in a solution containing 1 oz. of this product to 2 gallons of water and agitate during the final rinse stage. To render diapers, bed sheets and other linens bacteriostatic, the above solution must contain at least 4 ounces of this product for each ten pounds of clothing. This treatment will retard development of odors from urine in fabrics during use.

**General Cleaning:** To clean heavily contaminated surfaces wet all surfaces thoroughly with a solution of 1 oz. of this product to each gallon of water. For light cleaning, use ¼ oz. of this product for each gallon of water.

**Waterbed Conditioner:** When used as a waterbed conditioner, controls the growth of odor-causing and slime-forming bacteria. Prevents bubbles, preserves plasticizers, conditions vinyl interior, sequesters minerals.

If bed has not been treated properly, drain bed completely. Add 15 gallons of water, mix vigorously, drain bed again. Fill bed with water and follow dosage directions.

**Dosage:** To control growth of odor-causing and slime-forming bacteria, add 4 fluid ounces in a free flow waterbed of 90 to 180 gallon capacity. Add 8 fluid ounces in a waveless/fiber waterbed mattress of 90 to 180 gallon capacity. Repeat application every 4 to 6 months.

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