

Marc M. Mason
General Manager
Mason Chemical Company
721 W. Algonquin Road
Arlington Heights, IL 60005

SEP 16 2002

Subject: Amendment per FIFRA
Maquat 256
EPA Registration No. 10324-56
Application Dated: June 13, 2002
EPA Received Date: June 18, 2002

Dear Mr. Mason:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

Proposed Amendment

- Update First Aid Statements
- Update Storage and Disposal Statements
- Update Precautionary Statements

Label Comments

1. Revise the Precautionary Statements by changing the statement "Harmful if swallowed." to read "Harmful if swallowed or absorbed through the skin." Also revise the statement "Wash thoroughly with soap and water after handling." to read "Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco."
2. Revise the Storage and Disposal section by changing the Container Disposal statement to read as follows:
"Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke."
3. Since this product has a claim as a fungicide, you must have fungicidal directions for this product label. Revise the second "Disinfection" heading to read

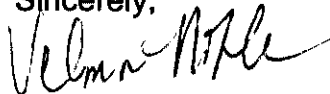
		CONCURRENCES					
SYMBOL	7510C	Disinfection/Fungicidal Activity.					
SURNAME	Shray						
DATE	9-13-02						

4. Revise the statement "At this level the product...Trichophyton mentagrophytes." to read "At this level the product...Trichophyton mentagrophytes *in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities.*"
5. Since this product has claims as a cleaner and deodorizer, you must have cleaning and deodorizing directions for this product label to read as follows: "**To Clean and Deodorize:** Add ½ 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."
6. Revise the HIV-1 instructions by moving the heading "**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACE/OBJECTS SOILED WITH BLOOD/BODY FLUIDS**" to be placed before the "**PERSONAL PROTECTION**" section.
7. Revise the HIV-1 instructions by capitalizing and bold facing the statement "***EFFECTIVE AGAINST HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS...**"

General Comments

A stamped copy of the label is enclosed for your records. Please submit a copy of the final printed label before distributing or selling the product bearing the revised language. Should you have any questions regarding this letter, please contact me at 703-308-6233.

Sincerely,



Veima Noble
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510 C)

**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. 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. 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 and place in locked 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-56

**MAQUAT 256
DETERGENT/DISINFECTANT**

Cleaner, Disinfectant, Detergent, Fungicide (against Pathogenic fungi), Deodorizer, Sanitizer, Virucide*, Mildewstat (on hard inanimate surfaces)

ACTIVE INGREDIENTS:

n-Alkyl (60%C₁₄, 30%C₁₆, 5%C₁₂, 5%C₁₈)
dimethyl benzyl ammonium chloride 6.25%
n-Alkyl (68%C₁₂, 32%C₁₄)
dimethyl ethylbenzyl ammonium chloride..... 6.25%

INERT INGREDIENTS: 87.50%

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 advise. 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. 10324-56
E.P.A. Est. No. 10324-IL-1



BATCH NO

10324-56
NET CONTENTS

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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 preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

This detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

DISINFECTION – To disinfect hard inanimate surfaces (such as walls, floors, table tops) add 1/2 oz. detergent/disinfectant per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 1/2 oz. detergent/disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

MILDEWSTAT – Controls the growth of mold and mildew on pre-cleaned hard non-porous surfaces (such as floors, walls, table tops) add 1/2 oz. of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZATION – To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary solution by adding 1 oz. to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops) flood the area with 200 ppm solution or apply with a cloth or sponge making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

DISINFECTION – At 1/2 oz per gallon dilution, this product exhibits effective disinfectant activity against the following:

Brevibacterium ammoniagenes	Salmonella schottmuelleri
Enterobacter aerogenes	Shigella dysenteriae
Escherichia coli	Staphylococcus aureus
Klebsiella pneumoniae	Streptococcus faecalis
Pseudomonas aeruginosa, PRD-10	Streptococcus salivarius
Salmonella choleraesuis	

At this level the product is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes.

VIRUCIDAL* ACTIVITY – The product when used on environmental inanimate hard surfaces at 1/2 oz per gallon of water exhibits effective virucidal* activity against Influenza A2 /Japan (representative of the common flu virus), Herpes simplex, Type 1 (causative agent of fever blisters), Vaccinia Virus (representative of the pox virus group), and Adenovirus Type 2 (causative agent of upper respiratory infections).

Efficacy tests have demonstrated that this product is an effective bactericide, fungicide and virucide* in the presence of organic soil (5% blood serum).

At 1.5 ounces per 2 gallons in the presence of 5% blood serum and 400 ppm of hardness for a 2 minute contact time this product was found to be effective against HIV-1 (AIDS Virus).

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

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).

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 2 minutes. This contact time will not control other common type of viruses and bacteria.

MOLD and MILDEWSTAT – This product controls the growth of mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

SANITIZATION – When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries – to 200 ppm. At this level **NO POTABLE WATER RINSE** is required.

It is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO₃).

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