

APR 19 1993

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

Attention: Marc M. Mason
 General Manager

Subject: Product Name: Maquat 256
 EPA Registration No. 10324-56
 Your Submission Dated April 6, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.

a. Add the following additional precautionary statement:

Wash thoroughly with soap and water after handling.


b. Delete: milk

2. A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

3. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

John H. Lee 
 Product Manager 31
 Antimicrobial Program Branch
 Registration Division (H7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

PM31

10324-56

PRECAUTIONARY STATEMENTS
 Hazard to Humans and Domestic Animals

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT
 In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

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

DIRECTIONS FOR USE

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

The 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 ounce disinfectant per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer to all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

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

In 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 walls, walls, table tops) add 1/2 ounce 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 200ppm active quaternary solution by adding 1 ounce to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops) flood the area with 200ppm 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 200ppm solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently if soil is apparent.

NET CONTENTS:

MAQUAT 256

detergent/disinfectant

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

ACTIVE INGREDIENTS:
 n-alkyl (80% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides 6.25%
 n-alkyl (88% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides 6.25%
INERT INGREDIENTS: 87.50%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN
DANGER
 See side panel for additional precautionary statements

E.P.A. Reg. No. 10324-56
 E.P.A. Est. No. 10324-B-1



Mason Chemical
 "The Quaternary Specialists"
 721 W. Algonquin Road
 Arlington Heights, IL 60005
 708-290-1621
 1-800-362-1855

NET CONTENTS U.S. GALLONS

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

APR 19 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10324-56

This product is a phosphate free detergent/disinfectant which provides disinfection. This detergent/disinfectant has been designed specifically for hard plastic and other institutions where housekeeping is of prime importance in order to prevent the spread of disease.

This product when diluted at the rate of 1/2 ounce per gallon of water is effective against hard surfaces such as walls, floors, sink tops, table tops, larger areas such as operating rooms, patient care facilities and restrooms, cleaning and disinfecting.

In addition, this product deodorizes those areas which generally are hard to clean, empty garbage bins and cans, toilet bowls, and any other areas which are difficult to clean.

Disinfection - At 1/2 ounce per gallon dilution, this product exhibits effective activity against *Pseudomonas aeruginosa* PRD-18, *Escherichia coli*, *Staphylococcus aureus*, *Streptococcus salivarius*, *Streptococcus amarae*, *Staphylococcus aureus*, *Enterobacter aerogenes*.

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

Virucide Activity: The product when used on environmental surfaces has been shown to have effective activity against Influenza A2 / Japan (representative of the influenza group of A virus type 2) (representative of the parvovirus group).

Efficiency tests have demonstrated that this product is an effective bactericidal agent (9% blood serum).

At 1.5oz. per 2 gallons in the presence of 5% blood serum and 400 ppm of H₂O₂ was found to be effective against HIV-1 (AIDS Virus).

"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION OF SURFACES SOILED WITH BLOOD/BODY FLUIDS"

Effective against HIV on pre-cleaned environmental surfaces/objects prior to disposal or other settings in which there is an expected likelihood of contact with blood, and in which the surface/object may be soiled with blood or body fluids. Transmission of human immunodeficiency virus Type 1 (HIV-1) associated with blood and body fluids.

Personal Protection: Specific barrier protection items to be used when handling soiled items: gloves, gowns, masks, or eye coverings.

Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from the surface.

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and local regulations for infectious waste disposal.

Contact Time: Leave surfaces wet for 2 minutes. This contact time will not control mold and mildewstat. This product controls the growth of mold and mildew on inanimate surfaces.

Sanitization - When used for sanitization of previously cleaned food equipment to 200ppm. At this level NO POTABLE WATER RINSE is required.

It is an effective sanitizer when diluted in water up to 800 ppm hardness (CaCO₃).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed. Do not dump. Open dumping is prohibited. Store in a sealed container. Do not reuse empty container. Keep under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper disposal. Pesticide waste is hazardous. Improper disposal of excess pesticide mixture or rinsate is a violation of federal law. Wastes cannot be disposed of by use of sanitary landfills. For more information, contact your State Pesticide Control Agency, or the Hazardous Waste Response Team at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL - (Larger than 1 gallon) - (or equivalent). Then offer for recycling or repuncture and dispose of in a sanitary land disposal unit approved by state and local authorities. In addition, plastic containers may be disincinerated, or if allowed by state and local authorities, burned. If burned, stay out of smoke. (1 gallon or less) - Do not reuse empty container. Wrap container for disposal.

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