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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 12 2003

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

Subject: Maquat 42
EPA Registration No. 10324-57
Amendment dated: June 13, 2003
EPA Received date: June 17, 2003

Dear: Ms. Elizabeth Tannehill,

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

Proposed Amendment

- Response to Agency letter dated May 22, 2003

Conditions

Revise the proposed label as follows:

1. The precautionary language should read as follows:

Corrosive. *Causes irreversible eye damage.* Maybe fatal if absorbed through the skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses) 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 before reuse.
2. Reverse the order of the first two statements of the First Aid Statements. IF IN EYES should be the first statement and IF ON SKIN should be the second statement.

CONCURRENCES

| | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | | |
| SURNAME | | | | | | | | |
| DATE | | | | | | | | |

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General Comments

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

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Divisions (7510c)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER, Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), 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

This pesticide is toxic to fish. 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.

(If container is less than 5 gallons the following statement must appear on the label)

ENVIRONMENTAL HAZARD

This product is toxic to fish.

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 in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

**MAQUAT® 42
Detergent/Disinfectant**

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

ACTIVE INGREDIENTS:

Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%)
dimethyl benzyl ammonium chloride 1.60%
Alkyl (C₁₂ 68%, C₁₄ 32%)
dimethyl ethylbenzyl ammonium chloride 1.60%

INERT INGREDIENTS: 96.80%

TOTAL: 100.00%

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. 10324-57

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

ACCEPTED
COMMENTS

EPA Letter Dated:

DEC 12 2003

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

10324-57



NET CONTENTS

BATCH NO

This product is a phosphate free cleaner disinfectant designed for general household use, schools, food processing plants, light industrials and hospital applications where housekeeping is of prime importance in controlling the hazard of cross contamination.

When used as directed, it is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and any other areas which are prone to odors caused by microorganisms.

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 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) apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then let air dry.

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

DILUTION RATES

General Disinfection - Add 2 ounces of this product per 1 gallon of water.

At 2 ounces per gallon dilution, this product exhibits effective disinfectant activity against the following:

| | |
|------------------------------------|----------------------------------|
| <i>Brevibacterium ammoniagenes</i> | <i>Salmonella schottmuelleri</i> |
| <i>Enterobacter aerogenes</i> | <i>Shigella dysenteriae</i> |
| <i>Escherichia coli</i> | <i>Staphylococcus aureus</i> |
| <i>Klebsiella pneumoniae</i> | <i>Streptococcus faecalis</i> |
| <i>Salmonella choleraesuis</i> | |

Hospital Disinfection - add 3 ounces per 1 gallon of water.

At 3 ounces per gallon dilution, this product is an effective hospital disinfectant and demonstrates disinfectant activity against *Pseudomonas aeruginosa* in addition to the above microorganisms.

To disinfect toilet bowls, flush toilet, add 2 ounces of 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 and recommended. Prepare a fresh solution for each use.

Virucidal* Activity: - This product, when used on environmental, inanimate hard surfaces at 2 ounces per 1 gallon of water exhibits effective virucidal* activity against

Influenza A2 (representative of the common flu virus), Herpes Simplex Type 1, (causative agent of fever blisters and mononucleosis), and Vaccinia virus (representative of the pox virus group).

At 3 ounces per 1 gallon 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 Protection: 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.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) clean surfaces, then add 2 ounces of this product per 1 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.

Mold and Mildewstat - This product prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 2 ounces per gallon dilution.

H/H