

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

APR 19 2002

Subject: Amendment per FIFRA  
Maquat 280  
EPA Registration No. 10324-71  
Application Dated: January 23, 2002

Dear Mr. Marc Mason:

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

**Proposed Amendment**

- Update First Aid Statements
- Update Precautionary Statements
- Update Disposal Statements

**Label Comments**

Revise the Precautionary Statements to read:

**"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 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 before reuse."

CONCURRENCES

SYMBOL	7510C						
JRNAME	R. Gray	4-17-02					

**General Comments**

A stamped copy of the label is enclosed for your records. You must submit a final printed label before you release this product for shipment. If you have any questions regarding this letter, please contact me at 703-308-6233.

Sincerely,



Velma 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 or absorbed through the skin. Do not get into 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**

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.

**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 recycle (or reuse).

**MAQUAT 280**

Detergent, Disinfectant, \*Virucide, Deodorizer, Fungicide (Against Pathogenic Fungi) & Mildewstat (on hard inanimate surfaces)

**ACTIVE INGREDIENTS:**

Alkyl (C<sub>14</sub> 60%, C<sub>16</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%)  
dimethyl benzyl ammonium chloride ..... 0.8%  
Alkyl (C<sub>12</sub> 68%, C<sub>14</sub> 32%)  
dimethyl ethylbenzyl ammonium chloride ..... 0.8%

**INERT INGREDIENTS:** ..... 98.4%

**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

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.

**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. 10324-71  
E.P.A. Est. No. 10324-IL-1



ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 19 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,

under EPA Reg. No. 10324-71

NET CONTENTS

BATCH NO

This product is a heavy duty cleaner and disinfectant for schools, motels, offices, kitchens, food processing plants and light industrial and hospital applications where heavy duty cleaning is of prime importance. When used as directed it is formulated to disinfect inanimate hard surfaces (such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones). For larger areas such as patient care facilities and restrooms, the product is designed to provide both heavy duty cleaning and disinfecting. It is designed to aid in controlling the hazard of cross contamination in areas where heavy duty cleaning is necessary.

When used as directed it will remove most household dirt in a single, simple operation. 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.

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

This product controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 4.5 ounces per gallon dilution.

#### 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.

To disinfect hard, non-porous 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 and then let air dry.

#### DISINFECTION

**General Disinfection** add 4.5 ounces per gallon of water. At 4.5 ounces per gallon dilution, this product exhibits effective disinfectant activity against the organisms: *Escherichia coli*, *Salmonella choleraesuis*, *Staphylococcus aureus*.

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

**Hospital Disinfection** add 6 ounces per gallon of water. At 6 ounces per gallon dilution this product is an effective hospital disinfectant and demonstrates disinfectant activity against *Pseudomonas aeruginosa*.

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

**MOLD and MILDEWSTAT** To control mold and mildew on pre-cleaned hard non-porous surfaces (such as floors, walls, table tops) add 4.5 ounces 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.

**Dilution Rates For General Cleaning And Deodorizing** use 2 ounces per gallon of water.

**To disinfect toilet bowls**, flush toilet, add 4.5 ounces 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.

At 6 ounces per gallon in the presence of 5% blood serum and 400ppm 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 (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.

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