

PM 31 10324-85 1072  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

SEP 29 1995

Attention: Mary Smolka  
Regulatory Assistant

Subject: MAQUAT 86-M  
EPA Registration No. 10324-85  
Amendment Dated May 22, 1995

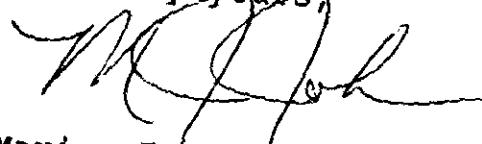
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add the virucidal claims against HIV (AIDS Virus), is acceptable, provided that you make the following labeling change before you release the product for shipment bearing the product labeling.

- Under "Special Instructions for cleaning ... Bloody/Body Fluids" in the heading "Contact Time", delete the sentence "This contact time will not control other common type of viruses and bacteria".

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Martha Terry at (703) 305-6982.

Sincerely yours,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosure

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

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. This disinfectant has been formulated to aid in the reduction of cross-contamination in these areas.

This formulation is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will inhibit the growth of mold and mildew and their odors when used as directed.

This product is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, this product will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause foul odors.

### PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

#### Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of cool water, obtain medical aid or if these are not available, drink large quantities of water.  
**NOTE TO PHYSICIANS:** Prolonged mucousal damage may contraindicate the use of gastric lavage.

#### DIRECTIONS FOR USE

This product is not to be used as a terminal disinfectant/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 is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide which is effective in the presence of 5% serum contamination.

Apply this product undiluted to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device as so to thoroughly wet surfaces. For heavily soiled areas, preliminary cleaning is required. Use a fresh solution daily or when the solution becomes visibly dirty.

**DISINFECTION** - To disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes. The activity of this formulation has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

|                                |                               |
|--------------------------------|-------------------------------|
| <i>Pseudomonas aeruginosa</i>  | <i>Enterobacter aerogenes</i> |
| <i>Staphylococcus aureus</i>   | <i>Streptococcus faecalis</i> |
| <i>Salmonella choleraesuis</i> | <i>Shigella dysenteriae</i>   |
| <i>Escherichia coli</i>        | <i>Brucella abortus</i>       |
| <i>Streptococcus pyogenes</i>  | <i>Salmonella typhi</i>       |
| <i>Klebsiella pneumoniae</i>   | <i>Senftenbergia</i>          |

## MAQUAT 86-M

READY TO USE

Disinfectant-Sanitizer-Fungicide-Mildewstat-Virucide  
Deodorizer for Hospitals, Institutional, Industrial Use, Homes  
and Non-Acid Bathroom Cleaner in the presence of 5% serum  
contamination

#### ACTIVE INGREDIENTS:

|                                                                                                            |                 |
|------------------------------------------------------------------------------------------------------------|-----------------|
| Octyl decyl dimethyl ammonium chloride                                                                     | 0.026%          |
| Dioctyl dimethyl ammonium chloride                                                                         | 0.013%          |
| Didecyl dimethyl ammonium chloride                                                                         | 0.013%          |
| Alkyl (C <sub>12</sub> 50%; C <sub>14</sub> 40%; C <sub>16</sub> 10%)<br>dimethyl benzyl ammonium chloride | 0.034%          |
| <b>INERT INGREDIENTS:</b>                                                                                  | <b>99.914%</b>  |
| <b>TOTAL:</b>                                                                                              | <b>100.000%</b> |

### KEEP OUT OF REACH OF CHILDREN CAUTION

Do not get in eyes, on skin, or on clothing. Avoid contamination of food.

#### SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 10324-06  
EPA Est. No. 10324-L-1

#### MASON CHEMICAL COMPANY

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Rd.  
Arlington Heights, IL 60005  
(708) 250-1821  
Toll Free:  
1-800-342-1955

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 29 1995

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

10324-85

**FUNGICIDAL CONTROL** - This product is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

**MOLD AND MILDEW CONTROL** - This product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above.) Allow to dry on surface and repeat when mildew growth returns.

**VIRUCIDAL PERFORMANCE** - This product was evaluated and found to be effective in the presence of 5% serum and 400 ppm hard water, against the following viruses: Influenza A/Brazil, Herpes Simplex Type 1 and Type 2 (the causative agent of the Venereal Disease Type Herpes Virus) and Vaccinia on inanimate hard non-porous environmental surfaces.

This product was found to be effective against the HIV I (Aids Virus) in the presence of 5% blood serum.

\* SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES CONTACTED WITH BLOOD/SEMI FLUIDS.

Effective against HIV on pre-cleaned environmental surfaces previously soiled with blood/body fluids in health care settings or other settings in which there is an expected outbreak of HIV or hepatitis surface/secretions with blood or body fluids, and in which the surface/secretions likely to be soiled with blood or body fluids are in contact with the patient for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

Personal Protective Equipment (PPE) should be worn when handling fluids soiled with blood or body fluids on disposable latex gloves, gowns, masks, or eye coverings.

Cleaning Procedure: Flood 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 collected and disposed of according to federal, state and local regulations for infectious waste disposal.

Caution: These latex gloves are not for decontamination. This cannot time will not control other common types of viruses and bacteria.

**SANITIZING NON-FOOD CONTACT SURFACES (SUCH AS FLOORS, WALLS, TABLES)** - This product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. 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 residue 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 purchase 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. (1 gal. and smaller). Do not reuse empty container. Wrap container and put in trash.

NET CONTENTS:

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