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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 19 1997

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

ATTN: Marc Mason, General Manager

SUBJECT: Maquat 1.8-M  
EPA Registration No. 10324-82  
Amendment of April 7, 1997

Dear Mr. Mason:

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

The proposed alternate Confidential Statement of Formula dated April 7, 1997 is in compliance with PR Notice 91-2, it agrees with the label and is acceptable. All alternate sources of dyes and fragrances are also acceptable.

If you have any further questions, please contact Ms. Barbara Pringle at (703)308-6236.

Sincerely,



Velma Noble  
Acting Product Manager 31  
Regulatory Branch I  
Antimicrobial Division (7505W)

CONCURRENCES

SYMBOL	7510W						
SURNAME	Pringle						
DATE	8-19-97						

This product is an industrial cleaner which disinfects as it cleans. It is especially designed for schools, non-medical institutions and industry. A single application removes dirt and grime, disinfects, is virucidal, fungicidal and will control the growth of mold and mildew and their odors. When used as directed, the hard surface disinfecting action of this product will reduce the hazard of cross-contamination. This product is also an effective one-step sanitizer for 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 mal odors.

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

**DANGER**  
KEEP OUT OF REACH OF CHILDREN  
CORROSIVE

Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed or absorbed through skin. Avoid contamination of food. Remove contaminated clothing and wash before reuse.

**DIRECTIONS FOR USE**

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

This product is a proven "one-step" cleaner - disinfectant - sanitizer - fungicide - mildewstat - virucide in the presence of moderate amounts of organic soil.

Apply to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bed frames with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. If mechanical spray is used, spray should be coarse. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - To disinfect hard, non-porous surfaces, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes.

The activity of this product has been evaluated in the presence of 5% serum 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>E. coli</i>	<i>Salmonella typhi</i>
<i>Salmonella choleraesuis</i>	<i>Klebsiella pneumoniae</i>
<i>Staphylococcus aureus</i>	<i>Salmonella schottmuelleri</i>
<i>Streptococcus pyogenes</i>	<i>Shigella dysenteriae</i>
<i>Serratia marcescens</i>	<i>Brevibacterium ammoniagenes</i>

**MAQUAT 1.8-M**

Disinfectant-Cleaner-Sanitizer  
Fungicide-Mildewstat-Virucide\*-Deodorizer  
with Organic Soil Tolerance for Schools,  
Industry, and Non-Medical Institutions

**Active Ingredients:**

Octyl Decyl Dimethyl Ammonium Chloride . . . . .	0.54%
Dioctyl Dimethyl Ammonium Chloride . . . . .	0.27%
Didecyl Dimethyl Ammonium Chloride . . . . .	0.27%
Alkyl (C14, 50%; C12, 40%; C16, 10%) Dimethyl Benzyl Ammonium Chloride . . . . .	0.72%

Inert Ingredients: . . . . . 96.20%  
TOTAL: . . . . . 100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**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 contaminated clothing and wash before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**MASON CHEMICAL COMPANY**

"THE QUATERNARY SPECIALISTS"  
721 W. Algonquin Rd.  
Arlington Heights, IL 60005  
(708) 290-1825  
Toll Free:  
1-800-362-1855



ACCEPTED  
with EPA REGISTRATION 10324-82  
by EPA Est. No. 10024-IL-1

AUG 19 1987

Under the Federal Insecticide, Fungicide, and Herbicide Act as amended by the pesticide registration under EPA Reg. No. 10324-82

**Fungicidal Performance**

This product is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas and dressing rooms, at 2 oz./gallon.

**Mold and Mildew Control**

At 2 oz./gallon 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**

At 2 oz. per gallon use-level this product was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex Type 1 and Vaccinia on hard non-porous inanimate environmental surfaces.

At 5 oz. per 1 gallon in the presence of 5% blood serum and 400 ppm of hardness for 10 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, 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 10 minutes.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls and tables) At 5 oz. per 4.5 gallon use-level, 30 second contact time, this product is an effective sanitizing agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

**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 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**

TRIPLE RINSE (OR EQUIVALENT). THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL, OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

**GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

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