

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 10324-105

Date of Issuance: SEP 08 2000

NOTICE OF PESTICIDE:
[x] Registration
Reregistration

(under FIFRA, as amended)

Term of Issuance:
CONDITIONAL

Name of Pesticide Product:
MAQUAT 128 PD

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Add the phrase EPA Registration Number "EPA Reg. No. 10324-105".

Signature of Approving Official:

Velma Noble
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

SEP 08 2000

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE, used for recording concurrences.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

page 2  
EPA Reg. No. 10324-105

3. Your label includes claims as a "Deodorizer," "Cleaner," and "Fungicide" and thus must include specific directions for these uses. Revise your label to include the following language:

"Cleaning and Deodorizing -Add 1 oz. per gallon of water. Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to air dry or wipe up excess liquid."

"This product will effectively control the growth of Trichophyton mentagrophytes on hard nonporous surfaces in locker rooms, dressing rooms, shower and bath areas, and exercise facilities. Treated surfaces must remain wet for 10 minutes. Apply as directed previously."

4. Revise the "PRECAUTIONARY STATEMENTS" to meet today's standards. Change the PRECAUTIONARY STATEMENTS to read as follows. "KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective clothing, goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

5. In the "STORAGE AND DISPOSAL" section make the following changes. Directly under the statement "Do not contaminate water, food or feed by storage and disposal.", include a new section titled "PESTICIDE STORAGE". Include the following information in this new section: "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."

6. Revise the "Statement of Practical Treatment" as follows. "IF ON SKIN: Wash with plenty of soap and water. Get medical attention. IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention." IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol."

You may retain your "Note to Physician".

7. Revise the directions for use under the headings "Disinfection" and "Viricidal activity" to state "hard nonporous inanimate surfaces" or "inanimate hard nonporous surfaces."

SYMBOL	▶						
SURNAME	▶						
DATE	▶						

8. In the first section on the right panel revise the statement which begins: "It has been designed specifically for hospitals..." to read as follows: "It has been designed specifically for hospitals, nursing homes, schools, food processing plants, and other institutions where housekeeping is of prime importance in controlling the hazards of cross contamination on treated surfaces in these areas."

9. On the right panel in the "Disinfection" section delete the identifier "PRD-10" which immediately follows the organism "Pseudomonas aeruginosa". The Agency is unable to establish the intent of this identifier and it was not present in the efficacy data cited in support of this product.

10. On the right panel move the section which begins "Mold and Mildewstat" such that it appears in the same panel but immediately following the "Disinfection" section.

11. Make the following revisions to the section of the label which describes the use of this product against HIV-1.

A. Move the statement "SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS." such that it immediately precedes the subheading "Personal Protection".

B. Revise the statement which begins "Effective against HIV in pre-cleaned..." and ends "...with blood/body fluids" exactly as follows:

"KILLS HIV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS" then continue with "in health care settings..." in lower case letters.

12. Include the following language to clarify the use of this product in food processing facilities. "Food Processing Plants: Before using this product, food products and packaging materials must be removed from the room or carefully protected. After use, all surfaces in this area must be thoroughly rinsed with potable water." Place this information following the Disinfection directions.

13. Since your product may be marketed in containers of 5 gallons and greater your label must include the "Environmental Hazards" as per PR Notice 93-10 which begins "Do not discharge effluent containing this product into lakes, streams, ponds..." when marketed in containers of 5 gallons and greater.

page 4  
EPA Reg. No. 10324-105

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit two (2) copies of the final printed label prior to the release of the product for shipment.

If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosure (stamped label)  
7510C:T.Lantz:9/7/00:10324-105

## PRECAUTIONARY STATEMENTS

### DANGER

#### Hazard to Humans and Domestic Animals

**KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Wash thoroughly with soap and water after handling. 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 promptly a large quantity of water. Call a physician.

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

#### 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) add 1 oz. detergent/disinfectant per gallon of water. 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.

To disinfect toilet bowls, flush toilet, add 1 ounce 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.

**MILDEWSTAT** - Controls the growth of mold and mildew on pre-cleaned hard non-porous surfaces (such as walls, floors, table tops) add 1 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 08 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 10324-105

## LAQUAT 128 PL

### DETERGENT/DISINFECTANT

Cleaner  
Detergent  
Deodorizer  
Fungicide (against Pathogenic fungi)  
Mildewstat (on hard inanimate surfaces)

Disinfectant  
Virucide\*

#### ACTIVE INGREDIENTS:

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chloride 4.50%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl  
ethylbenzyl ammonium chloride 4.50%

#### INERT INGREDIENTS:

91.00%  
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

### DANGER

See left panel for additional precautionary statements

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

NET CONTENTS

U.S. Gallons

06-09-00

This product is a phosphate free detergent/disinfectant which provides effective cleaning, deodorizing, and disinfection. It has been designed specifically for hospitals, nursing homes, schools, food processing plants, and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

This product when diluted at the rate of 1 ounce per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, it is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, this product deodorized 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.

**DISINFECTION** - At 1 ounce per gallon dilution, this product exhibits effective disinfectant activity against the following: *Pseudomonas aeruginosa*, *PRD-10*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Shigella dysenteriae*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Staphylococcus aureus*, *Enterobacter aerogenes*.

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

**VIRUCIDAL\* ACTIVITY** - This product when used on environmental inanimate hard surfaces at 1 ounce per gallon of water exhibits effective virucidal\* activity against influenza A2/Japan (representative of the common flu virus), Herpes simplex, Type 1 (causative agent of fever blisters), and Vaccinia Virus (representative of the pox virus group).

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

At 1 ounce 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 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 2 minutes. This contact time will not control other common type of viruses and bacteria.

**MOLD and MILDEWSTAT** - This product controls the growth of mold and mildew and the odors they cause on hard non-porous inanimate 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 of 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. (1 gal and smaller) Do not reuse empty container. Wrap container and put in trash.