

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 1 - 2002

Subject: Amendment per FIFRA
Tile Brite
EPA Registration No. 10324-84
Application Dated: January 29, 2002
Application Received: January 31, 2002

Dear Mr. Marc Mason:

The following amendment, submitted in connection with registration under 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the comments listed below.

Proposed Amendment

- Update Precautionary Statements
- Update First Aid Statements
- Update Storage & Disposal Statements
- Change name to Maquat 2 5-M

Findings

1. The registrant submitted the following: Confidential Statement of Formula, dated January 29, 2002, March 28, 2002, and April 15, 2002 (EPA Form 8570-4), Application for Pesticide - Section I (EPA Form 8570-1), the labels, and letters dated January 29, 2002, March 28, 2002 and April 15, 2002.
2. The CSFs, dated January 29, 2002 and March 28, 2002, are obsolete.
3. The CSF, dated April 15, 2002, was updated.
4. A fragrance was eliminated from the CSF.
5. The CSF, dated April 15, 2002, is in compliance with PR Notice 91-2 and in agreement with the label. Both the CSF and the label have the same nominal.

6. The registrant typed the term CONCURRENCES in box 11 of the CSE, as the source of							
SYMBOL	75100						
SURNAME	Mason						
DATE	5-1-02						

the supplier for the inerts "Oxalic Acid Dihydrate" and "Phosphoric Acid." The Agency does not accept the term "Various" as a source.

- 7. The percentage by weight and the certified limits are within the guidelines.
- 8. The registrant is requesting to change the name of the product to "Maquat 2.5 - M." Our record shows that the name is "Tile Brite."

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. Harmful if Inhaled. Avoid breathing spray mist.* 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 clothing before reuse."

Revise the **First Aid Statements** to include: "**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."

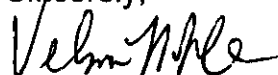
Revise the last paragraph under the **Directions for Use** section to read: "Apply Use-Dilution to *glazed* porcelain and *glazed* ceramic tiles, bathtubs....."

General Comments

The Confidential Statement of Formula, dated April 15, 2002, is acceptable with comment. You must submit the source for the inerts "Oxalic Acid Dihydrate" and "Phosphoric Acid." You must submit a new updated CSF to correct this minor error.

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 discard in trash (or recycle).

ACCEPTED
with COMMENTS
in EPA Letter Dated

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

MAY 01 2002

10324-84

NET CONT S

MAQUAT 2.5-M

**For Hospital, Institutional, Industrial Use
Removes Hard Water Deposits and Lime Soap Buildups**

One Step Acid Disinfectant-Cleaner-Sanitizer* Mildewstat-Deodorizer with Organic Soil Tolerance at 3 oz. per gallon. Plus Disinfectant Hard Water (400 ppm Calculated as CaCO₃) Tolerance at 4 ounces per gallon.

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride.....	0.750%
Didecyl Dimethyl Ammonium Chloride	0.375%
Diocetyl Dimethyl Ammonium Chloride	0.375%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride.....	1.000%

INERT INGREDIENTS: 97.500%

TOTAL 100.000%

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. 10324-84
E.P.A. Est. No. 10324-IL-1

BATCH NO

3
2
4

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 formulation is a proven "one-step" disinfectant-cleaner-mildewstat-deodorant which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination at 4 ounces per gallon. This product will remove hard water deposits and lime soap buildups when used as directed.

Apply Use-Dilution to porcelain and ceramic tiles, bathtubs, shower stalls, sinks, urinals, toilet bowl surfaces, related fixtures and other hard (inanimate) non-porous surfaces with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty. Surfaces must remain wet for ten minutes.

DISINFECTION – At 3 ounces per gallon use level, this germicide was evaluated by the AOAC use dilution test in the presence of 5% blood serum and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

<i>Brevibacterium ammoniagenes</i>	<i>Salmonella choleraesuis</i>
<i>Enterobacter aerogenes</i>	<i>Salmonella typhi</i>
<i>Escherichia coli</i>	<i>Serratia marcescens</i>
<i>Klebsiella pneumoniae</i>	<i>Shigella dysenteriae</i>
<i>Proteus mirabilis</i>	<i>Staphylococcus aureus</i>
<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pyogenes</i>

Hard Water Disinfection – At 4 ounces per gallon use level when evaluated by the AOAC Use-Dilution Test, this germicide is effective in the presence of 5% blood serum and 400 ppm hard water against:

<i>Pseudomonas aeruginosa</i>	<i>Salmonella choleraesuis</i>
<i>Staphylococcus aureus</i>	

Mold and Mildew Control

At 3 ounces per 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.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls and tables etc) At 0.75 ounces per gallon use-level, this product is an effective sanitizing agent against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 01 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 10324-84

4
8
4