

APR 19 1993

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

Attention: Marc M. Mason
General Manager

) Subject: Maquat 10
EPA Registration No. 10324-63
Your Submission Dated April 6, 1993

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

1. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.

a. Revise: "...and other hard surfaces..." to read

"...and other hard nonporous surfaces..."

NOTE: This statement is located in the sanitizing section (left panel).

) b. Align the decimals points in the ingredient statement section.

c. Delete the statement:

"Rinse empty container thoroughly with water before discarding or returning drum to drum reconditioner."

NOTE: This statement is located directly above the heading "Storage and Disposal"

2. A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

CONCURRENCES							
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SURNAME							
DATE							

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3. Our records have been adjusted to reflect your product name change:


OLD PRODUCT NAME: GC SUPER 10

NEW PRODUCT NAME: MAQUAT 10

4. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

John H. Lee 
Product Manager 31
Antimicrobial Program Branch
Registration Division (7505C)

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PM 31 10324-63 3071

MAQUAT 10 Disinfectant-Sanitizer-Fungicide- Deodorizer for Hospitals, Institutional Industrial, School, Dairy and Other Farm Uses

Active Ingredients	
Alkyl (C ₁₂ , 60%; C ₁₄ , 30%; C ₁₆ , 5%; C ₁₈ , 5%)	5.0%
Dimethyl Benzyl Ammonium Chloride.	
Alkyl (C ₁₂ , 68%; C ₁₄ , 32%)	5.0%
Dimethyl Ethylbenzyl Ammonium Chloride:	
Inert Ingredients	90.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN.
DANGER
 SEE LEFT PANEL FOR ADDITIONAL
 PRECAUTIONARY STATEMENTS.

EPA Registration No.
 EPA Establishment No.

10374-63
 10324-IL-1

**Mason Chemical
 Company**
 "The Quaternary Specialists"
 721 W. Algonquin Road
 Arlington Heights, IL 60005
 1-800-362-1855

NET CONTENTS U.S. GALLONS

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
APR 19 1993

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

10324-63

USE DIRECTIONS FOR DISINFECTION

Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions.
 For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage
 pails and other hard nonporous surfaces.

Add 4% oz. MAQUAT 10 to 5 gallons water. Apply to previously cleaned hard surface with mop or
 cloth. Thoroughly wet surfaces. Treated surfaces must remain wet for 13 minutes. Fresh solution should
 be prepared daily or when the used solution becomes visibly dirty.

At this use-level, MAQUAT 10 is effective against *Pseudomonas aeruginosa*.

Disinfection in Institutions, Industry, Schools and Homes
 For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixture
 and other hard nonporous surfaces.

Add 3 oz. of MAQUAT 10 to 5 gallons of water. Apply to previously cleaned hard surface with mop or
 cloth.

At 3 oz./5 gallon use-level, MAQUAT 10 is effective against *Staphylococcus aureus*, and *Salmonella*
choleraesuis.

Fungicidal Activity
 At 8 oz./5 gallons use-level, MAQUAT 10 is effective against *Trichophyton mentagrophytes* (athlete's
 foot fungus) on inanimate surfaces.

Disinfection of Pre-cleaned Barber Tools
 Barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 4
 oz./gallon solution of MAQUAT 10.

Disinfection of Poultry Equipment, Animal Charters and Kennels
 Poultry breeders, watering fountains, feeding equipment and other animal quarters (such as stalls and
 kennel areas) can be disinfected after thorough cleaning by applying a solution of 4% oz. MAQUAT
 10 to 5 gallons of water with a mop, cloth or brush. Small vessels should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This
 includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and
 droppings from floors, walls, and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, or other
 animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before
 reuse.

Rinse empty container thoroughly with water before discarding or returning drum to drum reconditioner.

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 rinseate 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.

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals

DANGER

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

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 egg whites, gelatin solution or if these are not available, drink large quantities 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.

Sanitizing of Food Processing Equipment and other hard nonporous surfaces in Food Contact Locations.

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard surfaces.

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. **MAQUAT 10** in 4 gallons of water.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. Surfaces should remain wet for a least one minute followed by, adequate draining and air drying. Fresh solution should be prepared daily or when used solution becomes visibly dirty. For mechanical application, used solution may not be reused for sanitizing applications.

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon dilution of **MAQUAT 10**.

No Potable water reuse is required.

At 1 oz./4 gallons **MAQUAT 10** has a hard water tolerance of 750PPM of hardness calculated as CaCO₃ when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

MAQUAT 10 The udders, teats, and teats of dairy cows can be sanitized by washing with a solution of 1 oz. **MAQUAT 10** in 4 gallons of warm water.

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

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