

PM 31

10324-63

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 25 1996

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  
Amendment Dated May 2, 1996

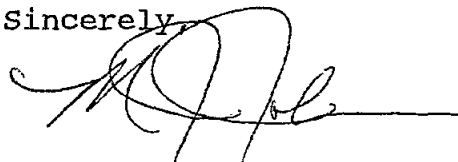
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to include the additional efficacy claims (Ice Machine Sanitizer, 5% Organic Soil, Egg Sanitizer, and Virucides) to the product labeling, is acceptable provided that you make the label change listed below.

- On the left panel, include the heading "Precautionary Statements" and move the statement "Hazards to Humans and Domestic Animals to fall directly below the precautionary heading.

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,



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

Enclosure

## CONCURRENCES

SYMBOL								
SURNAME								
DATE								

## DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes severe eye and skin damage. Do not get in eyes, on 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.

### 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.

Apply with a sponge, cloth, mop or mechanical spray device. When applied with a mechanical spray device surfaces must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when use solution becomes visibly dirty.

**Sanitizing of Food Processing Equipment and other hard non porous 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 non porous surfaces.

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. of this product 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 at 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 this product.

No potable water rinse is required.

At 1 oz./4 gallons of this product has a hard water tolerance of 500 ppm of hardness calculated as CaCO<sub>3</sub>, when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. of this product 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.

**Sanitizing of Food Processing Equipment (Ice Machines) and Other Hard Surfaces in Food Contact Locations.** For sanitizing food processing equipment, dairy equipment, refrigerated storage and display equipment and other hard non porous surfaces. No potable water rinse is required.

1. Turn off refrigeration.
2. Wash and rinse all surfaces thoroughly.
3. Apply a solution of 1 oz. Ice Machine Sanitizer in 4 gallons of water (200 ppm active) by mechanical spray, direct pouring or by recirculating through the system. Surfaces must remain wet for at least one minute followed by complete draining and drying. Fresh solution should be prepared for each cleaning. No potable water rinse is required when product is used as directed.
4. Return machine to service.

To sanitize previously cleaned food grade eggs in shell egg and egg product processing plants, spray with a solution of 1 oz. of this product in 4 gallons of warm water (200 ppm active quaternary solution). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to POTABLE WATER RINSE ONLY IF THEY ARE BROKEN IMMEDIATELY for use in the manufacture of egg products. Eggs should be dry before casing or breaking. The solution should not be reused for sanitizing eggs.

# MAQUAT 10

**Disinfectant-Sanitizer-Fungicide-Virucide-  
Deodorizer with Organic Soil Tolerance for  
Hospitals, Institutional, Industrial, School,  
Dairy and Other Farm Use and for Sanitizing  
and Controlling Slime Build-up in Ice  
Machines**

### ACTIVE INGREDIENTS

Alkyl (C<sub>12</sub>60%, C<sub>16</sub>30%, C<sub>12</sub>5%, C<sub>11</sub>5%)  
dimethyl benzyl ammonium chloride..... 50%

Alkyl (C<sub>12</sub>68%, C<sub>14</sub>32%)  
dimethyl ethylbenzyl ammonium chloride..... 50%

INERT INGREDIENTS..... 90%

TOTAL..... 100%

**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 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 ROAD  
ARLINGTON HEIGHTS, IL 60005

847-290-1621

TOLL FREE:

1-800-362-1855

E.P.A. Reg. No. 10324-63

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

**Disinfection of Poultry Equipment, Animal Quarters and Kennels.** Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 3 oz. of this product to 5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfecting, 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.

**Disinfection in Hospitals, Nursing Homes and other Health Care Institutions.** For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard non porous surfaces. Add 4 oz. of this product to 5 gallons of water. At this use level, this product is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, *Staphylococcus aureus* (Methicillin resistant) in the presence of 5% blood serum when evaluated by the AOAC Use Dilution test.

### Fungicidal Activity

At 4 oz./5 gallons use level, this product is effective against *Trichophyton mentagrophytes* (athlete's foot fungus) on inanimate surfaces in the presence of 5% blood serum.

### Disinfection of Pre-cleaned Barber Tools

Barber tools (such as combs, brushes, razors and scissors) can be disinfected by immersing in a 6 oz./gallon solution of this product.

### Disinfectant in Institutions, Industry and Schools

For disinfecting floor, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard nonporous surfaces.

Add 3 oz. of this product to 5 gallons of water.

At 3 oz./5 gallon use level, this product is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes* and *Staphylococcus aureus* (Methicillin resistant) on inanimate surfaces in the presence of 5% blood serum.

**Virucidal Activity** This product, when used on environmental, inanimate hard surfaces at 4 oz. per 5 gallons 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) Vaccinia virus (representative of the pox virus group), Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection) and Newcastle disease virus in the presence of 5% blood serum.

**Deodorization** To deodorize, apply this product as indicated under the heading Disinfectant in Institutions, Industry and Schools.

**Mildewstat** To control mold and mildew on pre-cleaned, hard, nonporous surfaces add 1 1/2 oz. of this product to 5 gallons 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 appears.

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

### 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** - (Larger than 1 gallon) - 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 gallon and smaller) - Do not reuse empty container. Wrap container and put in trash.

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