

10324-158

10-25-2007



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

OCT 25 2007

Elizabeth Tannehill  
Regulatory Manager  
Mason Chemical Company  
721 W. Algonquin Rd.  
Arlington Heights, IL 60005

Subject: Maquat@2420 TBD-9  
EPA Reg. No. 10324-158  
Application Dated: May 7, 2007  
Receipt Date: May 17, 2007

Dear Ms. Tannehill,

The following notification submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c) 9 and the provisions of PR Notice 98-10 is acceptable.

**Proposed Notification**

- Proposed changes for Agency's meeting dated May 1, 2007.

**Comments**

Based on a review of the material submitted, the following comments apply:  
This application for notification to add the proposed changes for Agency's meeting dated May 1, 2007 is acceptable. A copy has been placed in our records for future reference. This letter supersedes the letter stamped June 15, 2007.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

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

CONCURRENCES

SYMBOL	DATE	INITIALS	REMARKS	DATE	INITIALS	REMARKS

2/11



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

JUN 15 2007

OFFICE OF  
PREVENTION PESTICIDES  
AND TOXIC SUBSTANCES

Elizabeth Tannehill  
Regulatory Manager  
Mason Chemical Company  
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The following notification submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c) 9 and the provisions of PR Notice 98-10 is acceptable.

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- Proposed changes for Agency's meeting dated May 1, 2007.

**Comments**

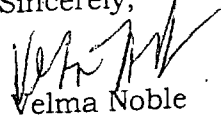
Based on a review of the material submitted, the following comments apply:  
This application for notification to add the proposed changes are acceptable. A copy has been placed in our records for future reference.

Note: The Avian Influenza Virus does not appear on pages 2 and 4; therefore, they must be added to your label.

CONCURRENCES							
MBOL	7510						
RNAME							
TE	6/15/07						

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,



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

CONCURRENCES

MBOL	7510c						
NAME							
TE	6/15/07						



# MASON CHEMICAL COMPANY

"The Quaternary Specialists"

May 7, 2007

Velma Noble  
Document Processing Desk  
Office of Pesticide Programs (7510C), PM31  
U.S. Environmental Protection Agency  
Room S4900, One Potomac Yard  
2777 S. Crystal Dr.  
Arlington, VA 22202

Subject: Maquat® 2420 TBD-9, 10324-158  
Notification

Dear Velma:

Enclosed are the following items for notification of our label, Maquat® 2420 TBD-9, 10324-158:

1. Notification/Application Form
2. One (1) copy of label dated 5/7/07

Per our meeting on 5/1/07 and the agreements we made at the meeting, I am submitting a notification to make the following change to our label. Please note this is the only change being made on our label at this time:

Though we have moved the organisms to the appropriate Directions for Use section of our label, we are also keeping the Organism Guide by removing all aspects of the Directions for Use from this section such as the dilution amount and contact time. In addition, we have added the Avian Influenza virus to the general Virucidal list under both the Organism Guide and the viruses listed in the Directions for Use.

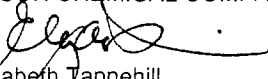
These changes have been highlighted for easy identification.

**This is a Notification and does not require payment.**

If you have any questions, please do not hesitate to contact me at 800-362-1855 or [liz@maquat.com](mailto:liz@maquat.com). Your assistance with this notification is greatly appreciated.

Very truly yours,

MASON CHEMICAL COMPANY



Elizabeth Tannehill  
Enclosure



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 10324-158	2. EPA Product Manager Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Maquat 2420 TBD-9	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Mason Chemical Company 721 W. Algonquin Rd. Arlington Heights, IL 60005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Making corrections to label per meeting with EPA on 5/1/07.  
 This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
 We feel this is a Notification and requires no fee payment. We understand the EPA will contact us with payment information, if needed, upon receipt of application.  
 Contact information: Elizabeth (Liz) Tannehill, liz@maquat.com fax number 847-290-1625 voice number 847-290-1621

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
1 qt., 1 gal., 5 gal., 55 gal.

5. Location of Label Directions  
 On Label

6. Manner in Which Label is Affixed to Product  
 Lithograph  
 Paper glued  
 Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Elizabeth Tannehill	Title Regulatory Manager	Telephone No. (Include Area Code) 847-290-1621
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**Certification**  
 I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature 	3. Title Regulatory Manager
4. Typed Name Elizabeth Tannehill	5. Date 5/7/07



**MASON CHEMICAL COMPANY**  
 "The Quaternary Specialists"

721 W. Algonquin Road | Arlington Heights, IL 60005 | 847-290-1621 or 800-362-1855

E.P.A. Reg. No. 10324-158  
 E.P.A. Est. No. 10324-IL-1

**MAQUAT<sup>®</sup> 2420-TBD-9**

Net Contents:

Batch No:

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

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Harmful if absorbed through the skin or inhaled. Avoid breathing spray mist. 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 and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**GENERAL PRECAUTION AND RESTRICTIONS: DO NOT MIX WITH CHLORINE, BLEACH, AMMONIA CLEANERS OR OTHER HOUSEHOLD CHEMICALS.**

(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.

**NEVER USE WITH CHLORINE PRODUCTS.** Can react to give chlorine gas. If this occurs, flush toilet to remove chemicals and leave the area. Do not return for half an hour. Ventilate if possible. Never use or mix with other cleaners or chemicals. Do not use on any surface that can be damaged by acidic materials. Many surfaces are not resistant to acid.

(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).

Disinfects – Cleans – Deodorizes - \*Virucidal  
 Acid Disinfectant Toilet Bowl Cleaner with Organic Soil Tolerance.  
 For Hospital, Institutional, Industrial, Commercial and Home Use.

Based on a Synergistic Combination of Quaternary Ammonium Compounds and an Acid Compatible Detergent System.  
 Removes Stains and Hard Water Deposits.  
 Safe for Septic Tanks.  
 Ready to Use.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride ..... 0.06%  
 Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%) .....  
 dimethyl benzyl ammonium chloride ..... 0.04%

**INERT INGREDIENTS:** ..... 99.90%

**TOTAL** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

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.

**IF INHALED:** Remove 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.

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

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

(Note to reviewer: The Table of Contents will not be on any label. This is for our customer's reference only. The page numbers will change when the label changes.)

#### Table of Contents

Description	Page No.
Organism Guide	2
Marketing Claims	2
Disinfection	
General Bathroom	4
Toilet Bowls/Urinals	4
Hospital/Health Care	5

### ORGANISM GUIDE

(Note to Reviewer: Only one of the following bacteria statements will be used per label along with the listed organisms, providing customers with alternate language for their labels.)

#### (Claims:)

**Disinfectant Performance:** Using AOAC Use Dilution test for germicides (under Good Laboratory Practices (GLP), in 5% serum this product kills the following:

(Or)

**Disinfectant Performance:** This product is bactericidal according to the AOAC Use Dilution Test method on hard, non-porous, inanimate surfaces, toilets and urinals, modified in the presence of 5% organic serum against the following organisms:

(Or)

#### Effective against:

<i>Escherichia coli</i>	<i>Serratia marcescens</i>
<i>Enterococcus faecalis</i> (Vancomycin Resistant)	<i>Enterobacteriaceae</i> (extended beta lactamase resistance)
<i>Pseudomonas aeruginosa</i>	<i>Shigella dysenteriae</i>
<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>
<i>Salmonella typhi</i>	<i>Staphylococcus aureus</i> - VISA
<i>Staphylococcus aureus</i> - MRSA	

(Note to Reviewer: Only one of the following Virucidal performance statements will be used per label along with the listed organisms, providing customers with alternate language for their labels.)

**Virucidal\* Performance:** This product was evaluated and found to be effective in the presence of 5% serum against the following viruses on inanimate hard, non-porous environmental surfaces of toilets and urinals.

(Or)

**Virucidal\* Performance:** This product was evaluated in the presence of 5% serum and found to be effective against the following viruses on hard, non-porous environmental surfaces of toilets and urinals:

(Or)

This product was evaluated in the presence of 5% and found to be effective against the following viruses:

(Or)

#### Effective Against:

Hepatitis A virus (HAV)	Human Immunodeficiency Virus type 1
Herpes simplex virus type 1	Influenza A Virus
Herpes simplex virus type 2	Rotavirus

### MARKETING CLAIMS

(Note to Reviewer: Text appearing in parenthesis or brackets is done to show optional text).

This product is an acid disinfectant bathroom toilet bowl cleaner, especially formulated to kill many germs commonly found in hospital and industrial environments. This product contains a high level of acid, together with an acid compatible detergent system, which facilitates the easy removal of resistant stains and permits disinfectant action.

When used as directed, this product cleans, disinfects and deodorizes in one easy step. Disinfects, cleans away hard stains and rust.

This bowl cleaner is an effective cleaner and disinfectant against odor causing bacteria. Is an effective general-purpose bowl cleaner and disinfectant against odor causing bacteria.

The cationic detergent system of this product inhibits the acid corrosion of metal parts found around toilets bowls and urinals.

Kills *Pseudomonas aeruginosa* (*Pseudomonas*) *Staphylococcus aureus* (*Staph*) and *Salmonella choleraesuis* (*Salmonella*).

Kills Hepatitis A and HIV (Associated with Aids)

Quickly eliminates rust, lime and uric acid deposits.

Will not harm bacterial action of septic tanks.

Efficacy tests have demonstrated it to be an effective one-step toilet bowl cleaner disinfectant in the presence of organic soil (5% blood serum).

With all the news about germs and bacteria, just looking clean isn't good enough. This product does it all - cleans, disinfectants and deodorizes, even under the rim.

Effective thick formula kills many germs and quickly eliminates toilet rings, hard water stains, mineral deposits and rust stains, plus leaves a light fresh scent. Will not harm plumbing and septic tanks.

Kills common household germs such as *Staphylococcus aureus* (*Staph*) *Salmonella choleraesuis* (*Salmonella*) and *Escherichia coli* (*E. coli*).

This product is a combination of effective cleaners plus antibacterial disinfectants, so you can be sure your bowl is completely clean.

This product is designed to clean, disinfect and deodorize toilet bowls and urinals.

When used as directed, this product exhibits effective disinfection against *Pseudomonas aeruginosa* (*Pseudomonas*) *Staphylococcus aureus* (*Staph*) and *Salmonella choleraesuis* (*Salmonella*) in addition to preventing odors caused by microorganisms.

Removes hard water stains.

Resists hard water build-up.

Removes lime deposits.

Leaves no streaks.

Whitens bowl.

Removes tough, stubborn stains.

Penetrates, breaks up and dissolves stains.

Removes bowl ring build up.

Freshens Toilet bowl.

Leaves a clean fresh scent.

Will not harm white or colored bowls.  
 Repels dirt.  
 Absorbs odors.  
 Cleans off water spots.  
 Leaves surfaces nice and shiny.  
 Is non-caustic.  
 Dissolves stains.  
 Does not scratch surfaces.  
 Cleans entire bowl.  
 Clings to surfaces.  
 Leaves the whole bathroom smelling fresh and clean.  
 Leaves toilet bowl sparkling clean.  
 Combination of cleaning and freshening.  
 Is not hard to rinse.  
 Does not damage porcelain.  
 Cleans the stains you see and the germs you can't.  
 Dissolves tough dirt (stains).  
 Attacks grime and germs.  
 Eliminates tough grime (stains) and germs (bacteria).  
 Regular use of this product keeps toilet bowls sparkling white.  
 This product is excellent for brightening colored toilet bowls.  
 Dissolves porous lime deposits and urine stains.  
 When used as directed, this is a powerful cleaner, deodorizer and killer of dangerous (troublesome) bacteria.  
 Convenient ready-to-use formulation requires no pre-mixing (diluting).  
 Stops odors right at the source by killing odor causing bacteria.  
 This product is an effective germicide disinfectant, (containing 1000 ppm of active quaternary germicides making it) effective against a wide spectrum of microorganisms.  
 This product contains no phosphorous (Phosphate Free).  
 This product maximizes (improves) labor results by effectively controlling odors.  
 This product is a ready to-use disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, and eliminates odor-causing bacteria when used as directed.  
 This product will not leave a grit or soap scum.  
 This product is a one-step disinfectant that is effective against a broad spectrum of bacteria is virucidal\* and inhibits odors when used as directed.  
 Quaternaries are not volatile and do not evaporate from surfaces like iodine, chlorine and formaldehyde  
 This product destroys many odors as it disinfects.  
 Effective disinfectant in the presence of 5% serum contamination.  
 For use on surfaces in bathrooms and restrooms. (\*1)

This product has been specially formulated for use in the toilet bowl. Do not use or place on (wood) toilet seats. Clean spills immediately.

Use of this product (toilet bowl cleaner) on other than vitreous ware is done at user's risk.

Maquat 2420 TBD-9 for use in:

**Medical Facilities**

Hospitals  
 Medical and dental offices and clinics  
 Medical research facilities  
 Recovery rooms  
 EMS & fire facilities  
 Home healthcare institutions  
 Laboratories

Nursing homes  
 Physician offices  
 Patient care rooms & facilities  
 Emergency Rooms  
 Day care centers and nurseries  
 Life care retirement communities

**Food Processing/Handling/Distribution Facilities**

USDA inspected food-processing facilities.  
 Poultry and turkey farms  
 Restaurants  
 Cafeterias  
 Supermarkets  
 Food establishments  
 Donut shops  
 Pizza parlors

Farms (dairy, hog, equine)  
 Meat/poultry processing plants  
 Bars  
 Fast food operations  
 Convenience stores  
 Coffee shops  
 Bagel stores  
 Liquor stores

**Government/Public Access Facilities**

Prisons  
 Penitentiaries  
 Post offices  
 Bus stations  
 Transportation terminals  
 Trains  
 Cruise lines  
 Public transportation  
 Ships  
 Art galleries

Jails  
 Correctional institutions  
 Libraries  
 Train stations  
 Buses  
 Airplanes  
 Airline terminals  
 Automotive garages  
 Museums  
 Performance/theater centers

**Industrial/Commercial Facilities**

Factories  
 Public restrooms

Business and office buildings

**Athletic/Recreational Facilities**

Athletic facilities  
 Exercise rooms  
 Sports arenas,  
 Stadiums  
 Heath clubs  
 Travel rest areas  
 Mobile homes  
 Campgrounds  
 Picnic facilities

Locker rooms  
 Gyms, and gymnasiums  
 Sports complexes  
 Health spas  
 Public parks  
 Campers  
 Boats  
 Recreational facilities

**Institutional Facilities**

Dormitories  
 Colleges  
 Universities  
 Hotels and motels

Schools  
 Community colleges  
 Institutions  
 Churches

**Retail Facilities**



Retail and wholesale establishments  
Shopping malls  
Video stores  
Laundry mats  
Funeral homes  
Courthouses  
Banks  
Bowling alleys  
Hair/nail/pedicure salons  
Tattoo parlors

Department stores  
Gift shops  
Bookstores  
Auto repair centers  
Police stations  
Municipal government buildings  
Movie houses  
Massage/facial salons  
Barber/beauty shops (salons)

#### **Animal Care Facilities**

Veterinary clinic  
Pet shops

Zoos

This product may be used on washable hard, non-porous surfaces such as:

- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet bowls, toilet bowl surfaces, urinals, empty diaper pails, portable and chemical toilets and latrine buckets, porcelain tile and restroom fixtures, countertops (counters), sinks (bathroom), tub surfaces. (\*2 & \*1)
- Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic (such as polycarbonate, polyvinylchloride, polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl, Plexiglass®, vanity tops, laminate. (\*2 & \*1)
- Enameled surfaces, Formica®, vinyl and plastic upholstery, washable wallpaper. (\*2 & \*1)
- Plumbing fixtures. (\*2 & \*1)
- Cabinets, doorknobs and garbage cans, trash cans, trash containers. (\*2 & \*1)
- Ultrasonic baths, whirlpools, whirlpool bathtubs. (\*2 & \*1)

### **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 for use on Medical device surfaces.

For all surfaces, test on a small area before use. (\*1)

**Disinfectant Performance:** Using AOAC Use Dilution test for germicides (under Good Laboratory Practices (GLP), in 5% serum and a 10 minutes contact time this product kills the following:

(Or)

**Disinfectant Performance:** This product is bactericidal according to the AOAC Use Dilution Test method on hard, non-porous, inanimate surfaces, toilets and urinals, modified in the presence of 5% organic serum with a ten minute contact time against the following organisms:

(Or)

#### **Effective against:**

*Escherichia coli*  
*Enterococcus faecalis* (Vancomycin Resistant)  
*Pseudomonas aeruginosa*  
*Salmonella choleraesuis*  
*Salmonella typhi*  
*Staphylococcus aureus* - MRSA

*Serratia marcescens*  
*Enterobacteriaceae* (extended beta lactamase resistance)  
*Shigella dysenteriae*  
*Staphylococcus aureus*  
*Staphylococcus aureus* - VISA

(Note to Reviewer: Only one of the following Virucidal performance statements will be used per label along with the listed organisms, providing customers with alternate language for their labels.)

**Virucidal\* Performance:** This product was evaluated and found to be effective in the presence of 5% serum against the following viruses on inanimate hard, non-porous environmental surfaces of toilets and urinals. Treated surfaces must remain wet for 10 minutes. For heavily soiled areas, a preliminary cleaning is required.

(Or)

**Virucidal\* Performance:** This product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces of toilets and urinals:

(Or)

This product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses:

(Or)

#### **Effective Against:**

*Hepatitis A virus (HAV)*  
*Herpes simplex virus type 1*  
*Herpes simplex virus type 2*

*Human Immunodeficiency Virus type 1*  
*Influenza A Virus*  
*Rotavirus*

### **GENERAL BATHROOM**

**Disinfection\*/Virucidal Directions:** Apply 1 to 2 ounces to hard inanimate, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or sprayer. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications use a coarse spray device. Allow surfaces to remain wet for 10 minutes. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray. (New statement)

**CLEANING AND DISINFECTION:** For all general cleaning and disinfection, apply 1 to 2 ounces of this product using a cloth, mop, or pressure sprayer so as to thoroughly wet surface to be disinfected. For sprayer applications, use a coarse spray device. Allow to remain wet for 10 minutes and then let air dry. For heavily soiled areas, a pre-cleaning step is required. (\*1)

**To Disinfect Tubs, Shower Stalls, Sinks, Faucets:** Swab area and remove gross filth and heavy soil. Stream 1 to 2 ounces of (product name) onto surface to be cleaned or apply with cloth or sponge to wet all surfaces thoroughly and allow to remain wet for at least 10 minutes. Wipe around with damp cloth or sponge. Do not allow to dry on surface. Rinse thoroughly with water. (\*3)

(Note to Reviewer: Only one of the following statements will be used per label, providing customers with alternate language for their labels.)

**To Clean/Remove Soap Scum:** Spray 1 to 2 ounces of (product name) onto soils and wipe clean (with a dry paper towel or lint-free cloth) – Or – Just spray on and wipe off (with a dry paper towel or lint-free cloth). No scrubbing or rinsing necessary. For best results, use a dry paper towel or lint-free cloth. Repeat for heavily soiled areas. For stubborn stains or heavily soiled areas or tougher jobs, allow product to penetrate (dirt and/or soap scum) before wiping. For best results, use regularly to prevent dirt and soap scum build up. (\*3)

**To Clean Tough Stains:** Squeeze directly onto tough stains and/or surface, or onto damp sponge. Rub (to wet all surfaces thoroughly). Rinse or wipe clean. (\*3)

**To open child resistant cap:** (Use fingernail or coin to) Pull back and push down rearmost ridge of spout. Push spout down following use.

### **TOILET BOWLS/URINALS**

*(Note to Reviewer: Only one set of cleaning and disinfection instructions, whether for toilet or urinal, or combined, will be used per label. This section offers alternative language for the customer to use with their product.)*

**General Cleaning Toilet Bowl:** Apply (Open cap) (Squeeze gently, directing) 1 to 2 ounces of bowl cleaner under the rim and on sides of bowl (inside only). Brush, clean and flush toilet. (Close cap). Rinse brush with clean water. Do not use on any other surfaces including toilet seat, toilet lid, countertops, tubs and sinks. To clean other acid resistant toilet bowls or urinals, dilute product with 3 parts water. Do not allow solution to remain on surfaces without immediately rinsing thoroughly with water.

(Or)

**To Clean and Disinfect:** Flush toilet and use toilet mop to push water from the bowl over the trap. Press swab mop against bowl to remove excess water then saturate mop with 1 to 2 ounces of this product while holding bottle and mop applicator over bowl. Swab bowl completely making sure to get under the rim. Let stand for 10 minutes then flush. Rinse applicator completely.

(Or)

**To Disinfect Toilet Bowls:** Remove water from bowl. Apply (Squeeze) 1 to 2 ounces of bowl cleaner onto bowl brush. Clean the entire unit especially under the rim at water outlets. Allow surface to remain wet 10 minutes. Flush and rinse out bowl brush with clean water. A preliminary cleaning step is required for the removal of heavy soil prior to disinfection.

(Or)

**To Disinfectant Toilet Bowls:** Flush to remove heavy soil. To clean, simply squirt one to two ounces of this product under the rim and around sides. Allow it to stand several minutes then scrub entire surface (especially under the rim) with a bowl (toilet) mop. Flush and rinse. To disinfect, use toilet (bowl) mop to push water from the bowl over the trap. Squirt at least two ounces of this product under the rim and around the sides. Allow solution to remain in the bowl for 10 minutes after scrubbing. Flush and rinse.

(Or)

**To Disinfectant Toilet Bowls:**

1. Remove gross filth and heavy soil deposits.
2. With swab applicator, remove water from bowl by forcing water over the trap.
3. Press swab applicator against side of bowl to remove excess water.
4. Apply 1 to 2 ounces of this product to swab applicator, cloth, mop, sponge, or directly to surface.
5. Swab entire surface area, especially under the rim.
6. Allow entire surface to remain wet for ten (10) minutes.
7. Flush toilet and rinse swab applicator thoroughly.

(Or)

**TOILET BOWL (AND URINAL) DISINFECTION/CLEANER DIRECTIONS:** Remove gross filth prior to disinfection. Empty toilet bowl or urinal and apply solution of 1 to 2 ounces of this product to exposed surfaces including under the rim, with a cloth, mop, sponge or sprayer. Brush or swab thoroughly and allow to stand for 10 minutes and flush.

(Or)

**To Clean and Disinfect Urinals:** Flush to remove heavy soil. Remove screens and strainers. Then squirt one to two ounces of this product around edges and top. Allow to flow down over surfaces. Allow it to stand several minutes before scrubbing, then flush and rinse. To disinfect, allow solution to remain in urinal at least 10 minutes after scrubbing.

(Or)

**To Disinfect Urinal:**

1. Remove gross filth and heavy soil deposits.
2. Apply 1 to 2 ounces of this product directly to urinal surfaces including water outlets area for general cleaning.
3. Then pour an additional 1 ounce of product on applicator.
4. Clean entire unit, especially under rim at water outlets, with applicator.
5. Remove screen trap to deodorize drain and apply 1 ounce directly on edge and into drain.
6. Wait 10 minutes, flush and rinse applicator.

(Or)

**To Remove Stubborn Stains (Urine stains), (porous Lime deposits) (or Scale) on Toilets:** Apply 1 to 2 ounces of this product directly on stain. Let it remain at least 15 minutes. Scrub then flush. Repeat if necessary.

## HOSPITAL/HEALTH CARE

**\*KILLS HIV ON PRECLEANED ENVIRONMENTAL TOILET BOWLS/URINALS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care setting or other settings in which there is an expected likelihood of soiling of inanimate toilet bowls/urinals with body fluids and in which the toilet bowls/urinals likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type I (HIV-1) (associated with AIDS).

**"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON TOILET BOWLS/URINALS SOILED WITH BLOOD/BODY FLUIDS."**

**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 toilet bowls and urinals 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 surface wet for 10 (ten) minutes with undiluted solution.

## DIRECTIONS FOR ALTERNATE CONTAINERS

**To Refill Product from Large Containers into Smaller Containers:**

This product may be used to fill and refill clean, properly labeled application containers for use elsewhere within your facility.

1. Make sure the small ready-to-use container has been cleaned, dried and properly labeled. Also make sure other items (such as trigger spray tubes and heads, and funnels) are properly cleaned and dried.
2. To refill, simply pour (or pump product) from the larger container directly into the smaller, being careful not to spill any product.
3. Keep both containers sealed when not in use.

11/6/07

**REFILL CONTAINER LABEL TO BE USED WITH MASTER  
CONTAINER LABEL FOR DISINFECTION**

FOR DISINFECTION

**MAQUAT 2420 TBD-9**

E.P.A. Reg. No. 10324-158 E.P.A. Est. No. 10324-IL-1

**NET CONTENTS:**

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride..... 0.06%  
Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%)  
dimethyl benzyl ammonium chloride ..... 0.04%

**INERT INGREDIENTS:** ..... 99.90%

**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE  
DIRECTIONS.

DISPOSAL: Do not reuse container. Wrap and put in trash collection.

**MASON CHEMICAL COMPANY  
"THE QUATERNARY SPECIALISTS"**

**721 W. Algonquin Road  
Arlington Heights, IL 60005**

**847-290-1621**

**Toll Free:**

**1-800-362-1855**

