



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**September 19, 2006**

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

Subject: **Maquat © 2420 TNT**  
EPA Reg. No. 10324-160  
Application Date: August 14, 2006  
Receipt Date: August 28, 2006

Dear Ms. Tannehill:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 95-2, EPA regulations at 40 CFR 152.46.

**Proposed Notification:**

- Notification to add an Alternate Brand Name, **Maquat © 2420 TNT**, EPA Reg. No. 10324-160.

**General Comment:**

Based on a review of the material submitted, the following comment applies:

The notification is approved and a copy of this Agency Letter of acceptance and the product label has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422, or by email at [heyward.adam@epa.gov](mailto:heyward.adam@epa.gov) or Killian Swift at (703) 308-6346 or by email at [swift.killian@epa.gov](mailto:swift.killian@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to be "Adam Heyward", written over a horizontal line.

Adam Heyward  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



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 10324-160	2. EPA Product Manager Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Maquat 2420 TNT	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 checked="" 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.)

Addition of alternate product name.

This notification is consistent with the provisions of PR Notice 85-2 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 hereby understand that if this notification is not consistent with the terms of PR Notice 85-2 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.

This is not a PRIA action. Therefore, no payment is necessary.

Contact Information: Elizabeth (Liz) Tannehill, liz@mequat.com voice number 847-290-1621 fax number 847-290-1625

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1 qt., 1 gal., 5 gal., 55 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled		<input type="checkbox"/> 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
2. Signature 		6. Date Application Received (Stamped)
3. Title Regulatory Manager		
4. Typed Name Elizabeth Tannehill	5. Date 8/14/06	



**MASON**

**"The Quaternary Specialists"**

August 14, 2006

Adam Heyward, PM34  
Document Processing Desk (REGFEE)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S4900, One Potomac yard  
2777 S. Crystal Dr.  
Arlington, VA 22202

Subject: Maquat<sup>®</sup> 2420 TNT, 10324-160  
Alternate Name Notification

Dear Adam,

Enclosed are the following items:

1. Application/Notification Form
2. One (1) copies of label

We are using this notification to apply for an alternate name for the above mentioned product. The alternate name will be Maquat<sup>®</sup> 2420 TNT-L.

**We feel this is a Notification. Therefore, we believe there will be no cost. We understand the EPA will contact us with payment information upon of receipt of application.**

If you have any other questions or concerns or need any other information, please do not hesitate to contact me at 800-362-1855 or liz@maquat.com. Your assistance with this registration is greatly appreciated.

Very truly yours,

MASON CHEMICAL COMPANY



Elizabeth Tannehill

Enclosures



**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. 10324-160

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

**MAQUAT<sup>®</sup> 2420 TNT-L**

Net Contents:

Batch No:

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

**DANGER. Keep Out of Reach of Children.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if absorbed through the skin. Harmful if swallowed. 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.

*(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.

**DO NOT MIX WITH CHLORINE, BLEACH, AMMONIA CLEANERS OR OTHER HOUSEHOLD CHEMICALS.**

*(Or)*

**CHEMICAL HAZARDS: 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).

Bathroom Cleaner Disinfectant  
 Disinfectant Bowl and Bathroom Cleaner (Showers, Sinks, Tubs, Washrooms, Toilet Bowls)  
 One Step Cleaner Disinfectant  
 Ready To Use.  
 Antibacterial, Anti-Microbial  
 Tub and Tile Cleaner

**NOTIFICATION**  
 Date Reviewed: 9/19/06  
 Reviewed By: [Signature]

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride .....0.30%  
 Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%)  
 dimethyl benzyl ammonium chloride.....0.20%  
 Phosphoric Acid .....14.62%

**INERT INGREDIENTS:** .....84.88%

**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.**

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

**Bathroom (Restroom) (Washroom) Claims:**

Removes rust, soap scum, calcium deposits, all hard water stains.

Easily removes soap scum, hard water stains, and dirt.

Specially formulated to attack soap scum, hard water stains and dirt.

Cuts through tough soap scum (fast).

Dissolves tough soap scum on contact.

Prevents (odors) (dirt) (soap scum) (build up).

Tough on Soap Scum.

This product will not leave a grit or soap scum.

With all the news about germs and bacteria, just looking clean isn't good enough. This product does it all – cleans, disinfects and deodorizes your bathroom and toilet bowl, even under the rim.

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

Effective. Cleans, shines and disinfects washable bathroom (restroom) surfaces and fixtures around the home, in schools, hospitals and other health care facilities and other public places. Disinfects as it cleans.

Cleans and shines many surfaces outside the washroom (bathroom) (restroom) area.

This product is a cleaner disinfectant designed for daily use on all bathroom surfaces.

This product is a acid disinfectant bathroom toilet bowl (tub & tile) (shower) 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.

Leaves the whole bathroom smelling fresh and clean

Leaves toilet bowl sparkling clean

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

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

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.

Cleans entire bowl

With daily use, (this product) (insert product name) will keep your shower clean.

*Combines cleaning, disinfectant and stain removal in one product. Cleans removes stains and kill germs.*

Disinfects, cleans away hard stains and rust.

Clears the stains you see and the germs you can't.

Freshens Toilet bowl.

Regular use of this product keeps toilet bowls sparkling white.

*This product is excellent for brightening colored toilet bowls.*

Whitens bowl.

Dissolves porous lime deposits and urine stains.

Removes bowl ring build up.

Removes hard water stains.

Resists hard water build-up.

Removes lime deposits.

Removes tough, stubborn stains.

Penetrates, breaks up and dissolves stains.

Dissolves stains.

Dissolves tough dirt (stains).

Eliminates tough grime (stains) and germs (bacteria).

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

Effective 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.

A mild all-purpose cleaner that combines detergent and wetting agents coupled with a phosphoric acid base. Eliminates rust, lime, organic deposits and offensive odors.

For use in toilets (and) (or) (tub & tile) (shower) (dressing rooms) of food processing plants operating under USDA poultry, meat, rabbit, shell egg grading, and egg products inspection program.

For use in toilet bowls and urinals.

Recommended for use in hotels and motels, office buildings, schools, public buildings, restaurants or any commercial, institutional, or industrial building with lavatory facilities.

Cleans and disinfects entire bathroom (restroom) (washroom) including: showers, sinks, counters fixtures, tubs, floors, walls, exterior surfaces of toilets, tile, chrome, and porcelain. DO NOT USE ON MARBLE.

For all hard, non-porous environmental washroom surfaces.

Deodorizes – Freshens – No stale washroom odors.

For all washroom surfaces such as washbowls, bathtubs, chrome fixtures, glazed tiles, shower stalls, exterior toilet surfaces, walls, floors, finished woodwork, mirrors.

Its deep cleaning action penetrates tough soils including body oils and soap scum, yet it contains no harsh abrasives.

**General (Household) (Other) (Bathroom) (Restroom) (Washroom) Claims:**

Leaves a brilliant shine and a fresh, clean scent.

Leaves (your) (the) bathroom in (insert use site) with a fresh and clean scent.

This product is a clear, (blue) (red) (yellow) (green), viscous liquid and has a distinctive, fresh fragrance.

Fresh Clean Scent.

Leaves a clean fresh scent.

Combination of cleaning and freshening.

*Leaves surfaces nice and shiny.*

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This product thoroughly cleans, shines, disinfects and deodorizes.

With this product you can be sure your home doesn't just look clean, it's microscopically clean.

This product does it all – cleans, shines, deodorizes and disinfects for a complete clean.

Cleans without leaving a dull residue behind.

Cleans without bleaching.

This product is a versatile and convenient disinfectant cleaner for most washable, hard, non-porous surfaces.

An outstanding clean without irritating fumes or odors.

Clean and disinfects without harsh fumes.

Cleans on contact.

Antibacterial Cleaning Power.

Removes (and) (or) cleans on hard, non-porous surfaces: Dirt, Grease, Grime, Food stains, Soap scum, Fingerprints, Tough soils, Crayon/pencil marks, Heel marks, Bathtub ring, Beverage stains, Outdoor grime, Cosmetics.

When used as directed, this product cleans disinfects and deodorizes in one easy step.

Disinfects as it clean.

Cleans off water spots

When used as directed, this is a powerful cleaner, deodorizer and killer of dangerous (troublesome) bacteria.

This product is a no-rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor-saving step.

Antibacterial.

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

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.

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

Kills HIV-1 (associated with Aids).

This product is a concentrated disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, and eliminates odor causing bacteria when used as directed.

(OR)

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.

This product is an effective germicide disinfectant (containing 5000 ppm of active quaternary germicides making it) effective against a wide spectrum of microorganisms.

This product destroys many odors as it disinfects.

Stops odors right at the source by killing odor causing bacteria.

This product maximizes (improves) labor results by effectively controlling odors.

Absorbs odors

Quickly eliminates rust, lime and uric acid deposits.

Leaves no streaks.

For the dirt you can see and the household germs you can't.

Repels dirt.

Attacks grime and germs.

Resists build up.

Is non-caustic.

Will not harm bacteria action of septic tanks.

Contains no abrasives, so it can't scratch surfaces.

Does not scratch surfaces.

Clings to surfaces.

Is not hard to rinse.

Convenient ready to use formulation requires no premixing (diluting).

Great for use in (insert use sites).

Great for use on hard, non-porous surfaces located in (insert use sites).

Perfect for use on (insert surfaces) in (insert use sites).

Effective disinfectant in the presence of 5% serum contamination.

For use on the following hard, non-porous surfaces:

Glazed ceramic bathroom tile, sinks, toilet bowls and surfaces, garbage cans, bathtubs, shower stalls, chrome and clear acrylic plastic fixtures, porcelain, Formica®, glazed ceramic tile floors.

For other hard, inanimate surfaces, spot test in an inconspicuous area.

For disinfecting floors, walls, countertops, bathing areas, lavatories, garbage pails and other hard, non-porous surfaces.

Maquat 2420 TNT for use in bathrooms (restrooms) (washrooms) in:

Hospitals	Nursing homes
Medical and dental offices and clinics	Physician offices
Medical research facilities	Patient care rooms & facilities
Recovery rooms	Emergency Rooms
USDA inspected food-processing facilities	Farms (dairy, hog, equine)
Poultry and turkey farms	Meat/poultry processing plants
EMS & fire facilities	Day care centers and nurseries
Home healthcare institutions	Life care retirement communities
Restaurants	Bars
Cafeterias	Fast food operations
Supermarkets	Convenience stores
Retail and wholesale establishments	Department stores
Shopping malls	Gift shops
Video stores	Bookstores
Laundry mats	Auto repair centers
Food establishments	Coffee shops
Donut shops	Bagel stores
Pizza parlors	Liquor stores
Funeral homes	Police stations
Courthouses	Municipal government buildings
Prisons	Jails
Penitentiaries	Correctional institutions

Bus stations  
Laboratories  
Business and office buildings  
Transportation terminals  
Travel rest areas  
Dormitories  
Colleges  
Community colleges  
Athletic facilities  
Exercise rooms  
Heath clubs  
Massage/facial salons  
Barber/beauty shops (salons)  
Museums  
Post offices  
Banks  
Movie houses  
Campgrounds  
Picnic facilities  
Sports arenas,  
Stadiums  
Zoos  
Automotive garages  
Ships  
Mobile homes  
Trains  
Cruise lines  
Public transportation

Train stations  
Factories  
Hotels and motels  
Public restrooms  
Institutions  
Schools  
Churches  
Universities  
Locker rooms  
Gyms, and gymnasiums  
Health spas  
Hair/nail/pedicure salons  
Tattoo parlors  
Art galleries  
Performance/theater centers  
Libraries  
Bowling alleys  
Recreational facilities  
Public parks  
Sports complexes  
Veterinary clinic  
Pet shops  
Boats  
Campers  
Buses  
Airplanes.  
Airline terminals

### 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.

(Or)

This product is not for use on Medical device surfaces.

Apply this product with a 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 minute. For sprayer applications, use a coarse spray pump or trigger spray. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray.

**NOTE:** With spray applications cover or remove all food products. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. For heavily soiled areas, a preliminary cleaning is required.

### DISINFECTION

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

**For General Disinfection:** Remove heavy soil and gross filth prior to disinfecting. Apply with a cloth, mop or mechanical spray device and thoroughly wet surface for 10. minutes. Do not allow to dry on surface. Rinse thoroughly with water.

(Or)

**To Disinfection (and Deodorize):** Pre-clean first to remove gross filth and heavy soil. (Apply) (Spray) (product) (solution) until thoroughly wet. Let stand 10 minutes. Then wipe. Do not allow to dry on surface. Rinse thoroughly with water. For heavily soiled areas, a pre-cleaning is required.

**To Disinfect Tubs, Shower Stalls, Sinks, Faucets:** Swab area and remove gross filth and heavy soil. Stream undiluted solution 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.

**To Disinfect Toilet Bowls, Urinals:** Remove gross filth and heavy soil. Swab area and remove gross filth and heavy soil. Flush and remove as much water as possible. Apply undiluted solution with swab and wipe around inside of bowl, urinal, including under the rim, on the sides and into the water. Wet thoroughly, allow to remain wet 10 minutes. Flush. Do not allow to dry on surface.

(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 product 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.

**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.

(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.)

Using EPA approved test methods for germicides (under Good Laboratory Practices (GLP), in 5% organic soil and a 10 minute contact time this product kills the following:

(Or)

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

(Or)

### Effective against:

*Corynebacterium ammoniagenes*  
*Enterobacter aerogenes*  
*Escherichia coli*  
*Klebsiella pneumoniae*  
*Proteus mirabilis*  
*Pseudomonas aeruginosa*

*Salmonella choleraesuis*  
*Salmonella typhi*  
*Serratia marcescens*  
*Shigella dysenteriae*  
*Staphylococcus aureus*  
*Streptococcus pyogenes*

(Note to Reviewer: Only one of the following Virucidal performance statements will be used per label)

**Virucidal\* Performance:** This product was evaluated and found to be effective in the presence of 5% organic soil 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.

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(Or)

**Virucidal\* Performance:** This product was evaluated in the presence of 5% organic soil 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% organic soil with a 10 minute contact time and found to be effective against the following viruses:

(Or)

**Effective Against:** (Note to Reviewer: This heading would be used as a continuation of the previous heading with the same name.)

Human Immunodeficiency Virus type 1  
Herpes simplex virus type 1

Herpes simplex virus type 2

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

**To Open Child Resistant Cap:** (Use fingernail or coin to) Pull back and push down rearmost ridge of spout. Push spout down following use.

**General Cleaning Toilet Bowl:** Apply (Open cap) (Squeeze gently, direct) bowl cleaner (solution) (product) under the rim and on sides of bowl (inside only). Brush clean and flush toilet. (Close cap). Rinse brush with clean water.

(Or)

#### TOILET BOWL (AND URINAL) DISINFECTION/CLEANER DIRECTIONS

Remove gross filth prior to disinfection.

Empty toilet bowl and apply solution to exposed surfaces including under the rim with a cloth, mop, sponge, brush or swab thoroughly and allow to stand for 10 minutes and flush.

(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 Disinfectant Toilet Bowls:** Remove water from bowl. Apply (Squeeze) 1 to 2 ounces of bowl cleaner onto bowl brush. Clean entire unit, especially under the rim at water outlets. Allow to remain 10 minutes. Flush and rinse 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 at least 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 mop, flush and rinse. To disinfect use toilet mop to push water from the bowl over the trap. Squirt at least two ounces of this product under the rim and around 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)

**To Clean and Disinfect Urinals:** Flush to remove heavy soil. Remove screens and strainers. Squirt at least two ounces of this product around edges and top and allow to flow down over surfaces. Allow it (solution) 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 product directly to urinal surfaces including water outlets area for general cleaning.
3. 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.

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

(Or)

**To (Clean) (Remove) Stubborn Stains (Urine stains), (porous Lime deposits) or (Scale):** Follow Disinfection directions, then apply more product to stained areas. Let stand for 15 minutes, brush and flush. Repeat if necessary. Do not allow to dry on surface.

**\*KILLS HIV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with 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 I (HIV-1) (associated with AIDS).

**“SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS 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 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 surface wet for 10 ten minutes with undiluted solution.

**Ultrasonic Bath Disinfectant Directions:** Use this product to disinfect hard (inanimate) non-porous, non-critical objects compatible with Ultrasonic cleaning units. Pour (a) fresh