

10324-58

5/15/2012

1/38

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 15 2012

Subject **Maquat 128**
EPA Registration Number 10324-58
Notification Application Dated March 16 2012
EPA Received Date April 24, 2012

Dear Ms Tannehill

This will knowledge receipt of your notification, submitted under the provisions of FIFRA section 3c 9 Based on a review of the submitted material the following comment apply

Proposed Amendment

- Adding four graphics

General Comments

Based on a review of the material submitted, the following comment apply

The notification is acceptable A copy has been inserted in your file for future reference

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

SYMBOL	..	..	..	..	..	..	..	..	..
SURNAME	..	..	..	..	..	..	..	..	..
DATE	..	..	..	..	..	..	..	..	..



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 10324-58	2 EPA Product Manager Noble	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Maquat 128	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 10324 59 Product Name Maquat 64	

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)

W add gn w gaphc p g 23

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W feel th N if l d q of payme t W d rst nd th EPA will t tu with paym t format f ded p fre epl f pplcat

C t t l f r m t n El beth (Lz) T h l l @ maq t om ce mbe 847 290 1621 f mbe 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 <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 <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4 Size(s) Retail Container 1 oz packet 1 qt 1 gal 5 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 		3 Title Regulatory Manager
4 Typed Name Elizabeth Tannehill		5 Date 3/16/12
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)



MASON CHEMICAL COMPANY

"The Quaternary Specialists"

March 16 2012

Velma Noble
Document Processing Desk (AMEND)
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® 128 10324 58
Notification

Dear Velma

We are adding new graphics to our labels via notification per PR Notice 98 10 Enclosed are the following items for this notification for Maquat® 128 10324 58

- 1 Application/Notification form with Notification Statement
- 2 One (1) copy of label

Per PR Notice 98 10 Item II (H) Symbols and graphics may be used in conjunction with and in close proximity to explanatory label text provided that they do not substitute for or conflict with label text and are not false or misleading

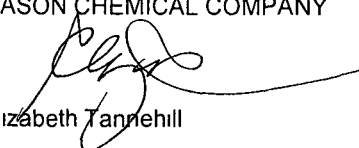
We are adding four graphics to this label per a customer request Two of these applications represent application pattern and are in keeping with applications indicated in the directions for use One of the other graphics indicates an American made product and the last graphic indicated the container is made with recyclable material None of these four graphics are false or misleading with the already approved directions for use on this label

This is a notification and does NOT require a fee

If you have any questions or issues concerning this action please do not hesitate to contact me at 800 362 1855 or liz@maquat.com Your assistance with this submission is greatly appreciated

Very truly yours

MASON CHEMICAL COMPANY


Elizabeth Tannehill

Enclosures

Handwritten notations and markings, possibly a routing slip or tracking system, consisting of various symbols and numbers arranged in a grid-like pattern.



MASON CHEMICAL COMPANY
"The Quaternary Specialists"

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

EPA Reg No 10324 58
EPA Est No 10324 IL 1

MAQUAT® 128

Net Contents

(Batch)(Lot) No (Manufacturing Date))

**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 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 and before eating drinking chewing gum using tobacco or using the toilet 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 and aquatic invertebrates Do not discharge effluent containing [(This product) (Product Name)] 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) (Product Name)] 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

(If container is equal to or less than 5 gallons use the following as an alternate to the above statement)

ENVIRONMENTAL HAZARD

[(This product) (Product Name)] is toxic to fish

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame
Do not mix with oxidizers anionic soaps and detergents

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 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

Cleaner Disinfectant (Food Contact) (Non Food Contact) Sanitizer Deodorizer
Fungicide Midewstat Virucide* With Organic Soil Tolerance For Hospitals Nursing Homes Whirlpool Home Hotels & Motels Waterbed Conditioner Institutional Handing and Process Areas Federally Inspected Meat and Poultry Plants Bar and Institutional Kitchen Use and for Sanitizing Ice Machines *(Not for use in waterbeds in CA)*
Non Acid Bathroom Cleaner
Athletic Surface Disinfectant
Formulated for effective Poultry Sanitation
Formulated for effective Swine Premise Sanitation
Formulated for effective Mushroom Farm Sanitation
Small Fly Ovicidal Treatment
(Product of USA) (Made in the USA)

ACTIVE INGREDIENTS

Alkyl (C₁₄ 60% C₁₆ 30% C₁₂ 5% C₁₈ 5%)
dimethyl benzyl ammonium chloride 4 5%
Alkyl (C₁₂ 68% C₁₄ 32%)
dimethyl ethylbenzyl ammonium chloride 4 5%
INERT INGREDIENTS 91 0%
TOTAL 100 0%

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

See left (back) (side) (right) panel (of label) (below) for additional precautionary statements and first aid statements

(Note to Reviewer This information has been verified per DOT regulations It is NOT required to be on the label but is being requested by a customer)

TRANSPORTATION INFORMATION

DOT Hazard Class 8 Corrosive
DOT Proper Shipping Name Disinfectant Liquid Corrosive (Quaternary Ammonium Compound) 8 UN1903 PGII

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

NOTIFICATION
Date Reviewed 5/15/12
Reviewed By abc

(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	3
Disinfection	
General	6
Hospital/Healthcare	6
Deodorization/Mold & Mildew	7
Barber/Salon	8
Restroom/Bathroom	8
Food Processing	9
Animal Premises	9
Horticultural	11
Other	12
Non Food Contact Sanitization	
Food Processing	13
Animal Housing	13
Other	14

ORGANISM LIST

(Note to reviewer Brackets [] indicate that one option within the brackets must be used in the final label text Each option within the brackets is enclosed in a set of parenthesis ())
 (Note For reference use only This is a list of all organisms covered by this label Please see appropriate Directions for Use for proper use dilution)

DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals Dental Offices, Nursing Homes and Other Health Care Institutions) AND NON MEDICAL FACILITIES (Households Schools, Restaurants Food Services Beverage Food Processing Plants and Other Non Medical Facilities) [(This product (Product Name)) is bactericidal according to the AOAC Use Dilution Test method on hard non porous (inanimate) (environmental) surfaces modified in the presence of 5% organic serum against

- Acinetobacter baumannii* (ATCC 19606)
- Bordetella bronchiseptica*
- Campylobacter jejuni*
- Corynebacterium ammoniagenes*
- Enterobacter aerogenes*
- Enterococcus faecalis*
- Escherichia coli* O111 H8 (ATCC BAA 184)
- Escherichia coli* O157 H7 (ATCC 35150)
- Vancomycin Resistant Enterococcus faecalis* (VRE) (ATCC 51575)
- Escherichia coli*
- Klebsiella pneumoniae*
- Listeria monocytogenes*
- Pseudomonas aeruginosa*
- Salmonella enterica*
- Salmonella schottmuelleri*
- Salmonella typhi*
- Shigella dysenteriae*
- Staphylococcus aureus*
- Community associated Methicillin resistant *Staphylococcus aureus* (CA MRSA)
- Staphylococcus aureus* (Methicillin resistant)
- Vancomycin Intermediate resistant Staphylococcus aureus* (VISA) (HIP 5836)

Streptococcus salivarius

VIRUCIDAL * PERFORMANCE [(This product) (Product Name)] was evaluated in the presence of 5% serum and found to be effective against the following viruses on hard non porous (inanimate) (environmental) surfaces

- Avian Influenza A H5N1 virus
- Avian influenza A H9N2/Turkey/Wisconsin virus
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Herpes Simplex virus Type1
- Human Coronavirus
- HIV 1 (AIDS Virus)
- Influenza A2/Japan virus
- Influenza A (H1N1) virus (ATCC VR 1469)
- Norovirus (Norwalk like virus) (Feline Calicivirus) (ATCC VR 782)

ANIMAL PREMISE VIRUCIDAL * PERFORMANCE [(This product) (Product Name)] was evaluated in the presence of 5% serum and found to be effective against the following viruses on hard non porous (inanimate) (environmental) surfaces

- Avian Influenza A H5N1 virus
- Avian influenza A H9N2/Turkey/Wisconsin Virus
- Avian Reovirus
- Bovine Viral Diarrhea virus
- Canine Adenovirus
- Canine Coronavirus
- Canine Distemper virus
- Canine Parainfluenza Virus
- Canine Parvovirus (CPV)
- Equine Arteritis Virus
- Feline Calicivirus
- Feline Infectious Peritonitis virus
- Feline Leukemia virus
- Feline Panleukopenia virus
- Feline Picornavirus
- Feline Rhinotracheitis virus
- Infectious Avian Laryngotracheitis virus (IBR)
- Infectious Bovine Rhinotracheitis virus (IBR)
- Infectious Bronchitis Virus
- Infectious Canine Hepatitis Virus
- Minute virus of Mice (Parvovirus)
- Murine Norovirus (MNV 1) (Strain MNV 1 CW1)
- Murine Parainfluenza virus type 1
- Newcastle disease virus
- Porcine Parvovirus
- Porcine Respiratory & Reproductive Virus (PRRSV)
- Porcine Rotavirus
- Pseudorabies virus
- Rabies virus
- Transmissible Gastroenteritis virus (TGE)
- Vaccinia virus

NON FOOD CONTACT SANITIZING PERFORMANCE [(This product) (Product Name)] is an effective one step sanitizer against the following on hard non porous (inanimate) (environmental) surfaces

Staphylococcus aureus
Klebsiella pneumoniae

FOOD CONTACT SANITIZING PERFORMANCE [(This product) (Product Name)] eliminates 99.999% of the following bacteria in 250 ppm hard water (calculated as CaCO3) according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test on hard non porous (inanimate) (environmental) surfaces

Escherichia coli
Staphylococcus aureus

FUNGICIDAL PERFORMANCE [(This product) (Product Name)] is effective on hard non porous (inanimate) (environmental) surfaces in the presence of 5% blood serum against

Trichophyton mentagrophytes (athlete's foot fungus) (a cause of Ringworm) (a cause of Ringworm of the foot)
Aspergillus niger

MARKETING CLAIMS

(Note to reviewer The following is considered optional marketing language)
(Note to reviewer Brackets [] indicate that one option within the brackets must be used if that marketing statement is for use in the final label text. Each option within the brackets is enclosed in a set of parentheses ())
(Note to reviewer Use as a deodorizer is not allowed in CA. All marketing statements making deodorizing claims are not allowed in CA)

- [(This product) (Product Name) (Maquat® 128)] is for use on hard non porous (inanimate) (environmental) surfaces in
 - Hospitals nursing homes medical and dental offices and clinics healthcare facilities physician offices operating rooms/theaters radiology rooms isolation wards quarantine areas hospices and medical research facilities
 - Patient care rooms & facilities recovery rooms Emergency Rooms X ray cat labs exam rooms newborn nurseries neonatal units orthopedics respiratory therapy surgi centers out patient surgical centers labs blood collection rooms central supply housekeeping & janitorial rooms ophthalmic/optometric facilities
 - EMS & fire facilities emergency vehicles ambulance(s) police cars fire trucks
 - Day care centers and nurseries sick rooms elder care centers kindergartens and preschools
 - Acute care institutions alternate care institutions home healthcare institutions
 - Life care retirement communities elder care facilities
 - Restaurants restaurants and bars bars kitchens taverns cafeterias institutional kitchens fast food operations and food storage areas
 - Supermarkets convenience stores retail and wholesale establishments department stores shopping malls gift shops video stores bookstores dressing rooms and laundries photocopy centers bicycle shops auto repair centers
 - Computer manufacturing sites toy factories
 - Food establishments coffee shops donut shops bagel stores pizza parlors liquor stores
 - Crime scenes and funeral homes morgues mortuaries burial vaults mausoleums autopsy rooms cadaver processing areas

- Police stations courthouses correctional facilities municipal government buildings jails prisons penitentiaries correctional institutions bus stations train stations
- Institutional facilities laboratories factories business and office buildings restrooms hotels and motels and transportation terminals maintenance vehicles
- Public restrooms public facilities waysides travel rest areas shower rooms bathrooms shower and bath areas
- Hotel motels dormitories
- Kitchens bathrooms and other household areas
- Homes (households) condos apartments vacation cottages summer homes
- Institutions schools and colleges commercial and industrial institutions churches classrooms community colleges universities athletic facilities and locker rooms exercise rooms exercise facilities gyms gymnasiums fieldhouses
- Cosmetic manufacturing facilities medical device manufacturing facilities biotechnology firms pharmaceutical manufacturing facilities warehouses
- Health clubs spas tanning salons tanning spas tanning beds massage/t salons hair/nail/pedicure salons barber/beauty shops salons tattoo parlors (Not for use on needles or other skin piercing instruments)
- Museums art galleries post offices performance/theater centers banks libraries movie houses bowling alleys
- Recycling centers
- Humidifier water tanks (Not for use in CA)
- Campgrounds playgrounds recreational facilities picnic facilities sports arenas sports complexes
- Whirlpools
- Food (preparation) (and) (storage) areas
- Food processing plants USDA inspected food processing facilities federally inspected meat and poultry plants farms dairy farms hog farms equine farms poultry and turkey farms and egg processing plants meat/poultry processing plants meat/poultry producing establishments mushroom farms rendering plants canneries caterers bakeries meat packing plants hide and leather processing plants
- Processing facilities for Fish Milk Wine Citrus Fruit Vegetable Ice Cream and Potatoes and beverage plants
- Tobacco plant premise
- Veterinary clinics animal life science laboratories animal laboratories animal research centers animal quarantine areas animal holding areas equine farms kennels dog/cat (animal) kennels animal breeding facilities breeding establishments grooming establishments pet animal quarantine s zccs tack shops pet shops operating rooms washing areas waiting rooms examination rooms and other animal care facilities
- Farmhouses barns sheds tool sheds cattle barns swine barns sheep barns horse barns brooder houses seed houses

Household and automotive garages boats ships barges watercraft campers RV's trailers mobile homes cars automobiles trucks delivery trucks boxcars tankers tank trucks buses trains taxis and airplanes helicopters

- Cruise lines cruise ships airline terminals airports shipping terminals public transportation transportation terminals
- Commercial florist and flower shops

Basements cellars bedrooms attics living rooms porches

[(This product) (Product Name) (Maquat[®] 128)] [(when used as directed) (can be used) (is formulated to disinfect) (is formulated for use)] on (washable) hard non porous (inanimate) (environmental) surfaces such as

Food preparation and storage areas

Dishes glassware silverware cooking utensils eating utensils plastic and other non porous cutting boards plastic and other non porous chopping blocks coolers ice chests refrigerator bins used for meat vegetables fruit and eggs Tupperware[®] Kitchen equipment such as food processors blenders cutlery trash compactors and other utensils

- Countertops (counters) countertop laminates Slurrry[®] machines stovetops (stoves) sinks (bathroom kitchen) tub surfaces appliances refrigerators ice machines microwave ovens shelves racks and carts

Interior hard non porous surfaces of water softeners reverse osmosis units ice machines water coolers water holding tanks and pressure tanks

Beer fermentation and holding tanks bottling or pre mix dispensing equipment

Wine processing equipment and holding tanks

Citrus processing equipment and holding tanks

Dishes silverware glasses cooking utensils eating utensils and other similar size food processing equipment can be sanitized by immersion

Tobacco plant equipment

Drinking fountains and breakrooms

Hospital beds bed railings bedpans gurneys traction devices MRI CAT examining tables scales paddles wheelchairs hard non porous surfaces of cervical collars and neck braces spine backboards stretchers unit stools CPR training mannequins curing lights light lens covers slit lamps operating room lights operating tables oxygen hoods dental chairs/countertops examination tables X ray tables washing areas anesthesia carts whirlpool surfaces footbath surfaces ambulance equipment/surfaces

Ultrasonic baths whirlpools whirlpool bathtubs

Highchairs baby cribs diaper changing stations infant bassinets/cribs/warmers/incubators/care equipment folding tables hampers laundry pails

Exhaust fans refrigerated storage and display equipment coils and drain pans of air conditioning refrigeration equipment and heat pumps

Kennel runs cages kennel/cage floors conductive flooring examination tables veterinary X ray tables

Hatchers setters trays racks egg flats walls floors ceilings chick boxes egg cases vans and trash containers

Tanning spas/beds tanning equipment footbath surfaces

Tattoo equipment (Not for use on needles or other skin piercing instruments)

Hair clippers cutting implements plastic rollers washable nail files

Shower stalls shower doors and curtains bathtubs and glazed tiles chrome plated intakes toilets toilet seats toilet bowls toilet bowl surfaces urnals empty draper pails portable and chemical toilets and latrine buckets vanity tops glazed porcelain glazed tile and restroom fixtures bathroom fixtures

Windows and mirrors

Tables chairs desks folding tables workstations bed frames lifts washable walls cabinets doorknobs and garbage cans/pails trash barrels trash cans trash containers cuspidors and spittoons

- Sealed foundations steps plumbing fixtures finished baseboards and windowsills

Glass laminated surfaces metal stainless steel glazed porcelain glazed ceramic sealed granite sealed marble plastic (such as polycarbonate polyvinylchloride polystyrene or polypropylene) sealed limestone sealed slate sealed stone se terra cotta sealed terrazzo chrome and vinyl Plexiglass[®] vanity tops

Enameled surfaces painted (finished) woodwork Formica[®] vinyl and plastic upholstery washable wallpaper

Large inflatable non porous plastic and rubber structures such as animals promotional items moonwalks slides obstacle course play and exercise equipment

Hard non porous (inanimate) (environmental) surfaces of picnic tables and outdoor furniture or Non wooden Picnic tables and outdoor furniture except cushions and wood frames (Note Only one statement will be used on label)

- Playground equipment

Wrestling and gymnastic mats athletic training tables physical therapy tables exercise equipment

Automobile interiors

Maintenance equipment

Telephones and telephone booths

Hard hats headphones

External lenses vision correction including eyeglasses (not for use on contact lenses) protective eyewear goggles light lens covers optical instruments/implements

Crypton Barmer fabric

[(This product) (Product Name)] contains no phosphorus

[(This product) (Product Name)] is a phosphate free formulation designed to provide effective cleaning deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on related surfaces

This [(container) (bottle)] is made of (at least) (x)% (xx)% consumer recycled plastic

Convenient Trigger Spray (To be used on applicable container)

Easy to Use

Economy size (To be used on applicable container)

Contains no [(abrasives) (bleach) (harsh acids) (phosphates)] (so it won't scratch surfaces)

Cleans without bleaching

Fewer products – no need for separate deodorizer

Use (this product) (Product Name) on the multi touch surfaces responsible for cross contamination

Cross contamination is of major housekeeping concern not only in hospitals but also in schools institutions and industry

[(This product) (Product Name)] has been formulated to aid in the reduction of cross contamination on treated surfaces not only in hospitals but also in schools institutions and industry

[(This product) (Product Name)] is a no rinse disinfectant cleaner that disinfects cleans and deodorizes in one labor saving step

Use (this product) (Product Name) on finished floors high speed burnished floors conductive flooring washable walls tables chairs bathroom bowls sinks basins shower stalls tubs glazed tiles toilet countertops stove tops exterior surfaces of appliances and refrigerators cabinets garbage cans outdoor furniture (except cushions and wood frames) desks telephones door knobs and handles and glass surfaces including windows and mirrors

Disinfects cleans and deodorizes the following hard non porous inanimate surfaces floors walls (non medical) metal surfaces (non medical) stainless steel surfaces glazed porcelain plastic surfaces (such as polypropylene polystyrene etc.)

[(This product) (Product Name)] (is designed for use) (Use daily) on (the following) hard non porous (inanimate) environmental surfaces vinyl painted surfaces plastic (surfaces) glazed ceramic glazed porcelain chrome stainless steel aluminum brass copper laminated surfaces and baked enamel surfaces associated with floors walls ceilings tables chairs countertops telephones fixtures glazed tile toilets (toilet bowls) urinals sinks found in food establishments (restaurants) (commercial kitchens) & restrooms shower rooms and locker rooms (areas) – any washable (food and non food contact) surface where disinfection is required [(This product) (Product name)] s non dulling formula eliminates the time and labor normally required for rinsing Do not use (this product) (Product Name) to clean or disinfect glasses dishes utensils or interior surfaces of appliances

Concentrate (Concentrated)

Neutral (Neutral pH)

Disinfects (Disinfectant)

- Cleans (Cleaner)

Deodorizes (Deodorizer)

Will not harm sealed stone sealed grout or glazed tile

[(This product) (Product Name)] is a complete chemically balanced disinfectant/sanitizer that provides clear use solutions

[(This product) (Product Name)] is an economical concentrate that can be used with a mop and bucket trigger sprayers sponge or by soaking

[(This product) (Product Name)] can be applied through foaming apparatus low pressure sprayers and fogging (wet misting) systems Follow manufacturers instructions when using this equipment

[(This product) (Product Name)] delivers non acid disinfection performance in an economical concentrate

Antibacterial

Efficacy tests have demonstrated that [(this product) (Product Name)] is an effective bactericide and virucide in the presence of organic soil (5 % blood serum)

[(This product) (Product Name)] cleans shines deodorizes and disinfects all hard non porous (household) (inanimate) (environmental) surfaces listed on the label

Disinfects (and Sanitizes) kitchen surfaces (bathroom surfaces and floors) Kills germs Kills household bacteria

Kills common kitchen (bathroom) germs (bacteria) (and viruses)

[(This product) (Product Name)] is for use as a disinfectant on hard non porous (inanimate) (environmental) surfaces (at 703 ppm active)

Kills (99.9% of) (any disinfection organism listed) (above) (below) (on hard non porous (inanimate) (environmental) surfaces)

Kills (99.9% of) (common) (household) (institutional) (kitchen) germs (on (the) floor)

Kills (99.9% of) (household) (institutional) (kitchen) bacteria –and/or germs ((that get) tracked into your –or– home) (by shoes –and/or– pets –and/or– kids) (from outside) (every day)

Kills (99.9% of) (kitchen) (bathroom) (household) (institutional) bacteria (on (the) floor(s)) (ordinary dish soap can't)

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (the) (common) (list use site/surface) (bacteria –and/or– viruses) –or– germs

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (the) ((bacteria –and/or– viruses) (and other germs)) –or– germs ((commonly) found in –or– on (the) (list use site/surface)

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (the) ((bacteria –and/or– viruses) (and other germs)) –or– germs ((commonly) found on (the) (list use site/surface) surfaces your kids –and' pets (may) touch every day

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (common) (household) ((bacteria –and/or– viruses) (and other germs)) –or– germs (on) (from) (your) (children s) toys

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (list disinfectant organism) (commonly) found –in/or– on (the) (list use site/surface)

Kills –and/or– (helps(s)) eliminate(s) –and/or– disinfects –and/or– destroy(s) –and/or– remove(s) –and/or– (help(s)) get(s) rid of –and/or– reduces –and/or– fights –and/or– effective against (99.9% of) (the) flu (influenza) virus ((commonly) found –in/or– on (the) (list use site/surface)) (Use of influenza allowed only when influenza virus listed on label)

Kills -and/or- (helps(s)) eliminate(s) -and/or- disinfects -and/or- destroy(s) -and/or- remove(s) -and/or- (help(s)) get(s) rid of -and/or- reduces -and/or- fights -and/or- effective against (the) (list use site/surface) (from) (99.9% of) (common) (household) ((bacteria -and/or- viruses) (and other germs)) -or- germs (this season -or- flu season)

Kills bacteria on (the) surfaces (your kids -and/or- pets touch every day)

(Kills) (Eliminate(s)) (Remove(s)) (Get(s) rid of) (99.9% of) (the) germs -and/or- bacteria -and/or- viruses (in your home -and/or- (office -or- work (place) (area) (environment)) (school) (classroom) (kitchen))

For use in [(automated dilution systems) (automated) (dilution systems) (Dilution System trade name)]

Contains no fragrances

This product contains no fragrances

Fragrance Free

This detergent/disinfectant has been designed specifically for hospitals nursing homes schools food processing plants food service establishments and other institutions where housekeeping is of prime importance

[(This product) (Product Name)] is a one step (hospital use) germicidal (disinfectant) cleaner and deodorant (odor counteractant) (odor neutralizer) designed for general cleaning (and) disinfecting (deodorizing) (and controlling mold and mildew on) (of) hard non porous (inanimate) (environmental) surfaces [(This product) (Product Name)] cleans quickly by removing dirt grime mold mildew food residue body oils dead skin blood and other organic matter commonly found in hospitals (and) (in health care facilities) (on medical surfaces) nursing homes schools and colleges day care centers (medical) offices funeral homes veterinary clinics pet shops equine farms animal life science laboratories hotels motels public areas and restrooms foodservice establishments (restaurants) and federally inspected meat and poultry establishments (food [processing] plants) [(It) (This product) (Product Name)] (also) eliminates odors leaving (restroom) surfaces smelling clean and fresh Use where odors are a problem

[(This product) (Product Name)] is an effective non food contact sanitizer in the presence of soils on hard nonporous (inanimate) (environmental) non food contact surfaces

Effective sanitizer in the presence of soils

[(This product) (Product Name)] is an effective disinfectant/non food contact sanitizer in the presence of 5% serum contamination

Effective sanitizer in the presence of 5% serum contamination

Sanitizes kitchen surfaces (bathroom surfaces and floors)

Institutional Disinfectant

[(This product) (Product Name)] cleans disinfects and deodorizes (hard non porous (inanimate) (environmental) hospital (medical) surfaces) in one step (with no rinsing required)

Hospital Use Disinfectant

[(This product) (Product Name)] is a concentrated Hospital Use disinfectant that is effective against a broad spectrum of bacteria is virucidal (and) fungicidal and eliminates odor causing bacteria when used as directed

For larger areas such as operating rooms and patient care facilities [(This product) (Product Name)] is designed to provide both general cleaning and disinfection Will not cause swelling of transducer membrane or harm compressor plates [(This product) (Product Name)] is a versatile sanitizer and broad spectrum disinfectant formulated for use in Ultrasonic Baths (Ultrasonic cleaning units)

Kill Avian Influenza A virus (H9N2) (H5N1) on pre cleaned environmental surfaces

Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus [(This product) (Product Name)] is a broad spectrum hard surface disinfectant that has been shown to be effective against (Influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu)

[(This product) (Product Name)] has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus

[(This product) (Product Name)] has demonstrated effectiveness against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu)

Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu)

Kills Pandemic 2009 H1N1 influenza A virus

[(This product) (Product name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces utilizing Influenza A (H1N1) virus

(This product) (Product name) has demonstrated effectiveness against Influenza A (H1N1) virus

(This product) (Product name) kills Influenza A (H1N1) virus

Kill Influenza A virus (H1N1) on pre cleaned environmental surfaces

Kill (Avian) Influenza A virus (H5N1) (H9N2) on pre cleaned environmental surfaces

Kills (H5N1) (H9N2) (H1N1) Influenza A (Flu) virus

Kills (H5N1) (H9N2) (H1N1) Influenza A (Flu) virus

Kills (insert virus name from approved organism listing for this product)

[(This product) (Product Name)] is a one step disinfectant that is effective against a broad spectrum of bacteria is virucidal (including HIV 1 HCV & HBV) and inhibit growth of mold and mildew and their odors when used as directed

[(This product) (Product Name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing (Duck) Hepatitis B Virus (The description Duck must be used in California)

[(This product) (Product Name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces utilizing (Duck) Hepatitis B virus and Bovine viral diarrhea virus (BVDV) (Surrogate for human Hepatitis C virus) (The description Duck must be used in California)

[(This product) (Product Name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Hepatitis C Virus (Not for use in California)

[(This product) (Product Name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Swine Viral Diarrhea Virus BVDV (surrogate for human Hepatitis C virus)

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[(This product) (Product Name)] has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces utilizing Felme Calicivirus (surrogate for Norwalk virus)

[(This product) (Product Name)] is a disinfectant and non food contact surface sanitizer for Cleanroom and Laboratory areas to disinfect washable hard non porous non food contact surfaces such as Laminar airflow equipment and BioSafety Cabinet work surfaces and exterior surfaces of the following countertops sinks plumbing fixture surfaces and incubators refrigerators and Centrifuge surfaces of metal stainless steel glass plastic (such as polystyrene or polypropylene) Formica® and vinyl

[(This product) (Product Name)] cleans disinfects and deodorizes (hard non porous environmental hospital (medical) surfaces) in one step (with no rinsing required) [(Its non abrasive formula is designed for use) (Use daily)] on (the following) hard non porous environmental surfaces vinyl painted surfaces plastic (surfaces) glazed ceramic glazed porcelain chrome stainless steel brass copper laminated surfaces and baked enamel surfaces associated with floors walls ceilings tables chairs countertops telephones fixtures glazed tile toilets toilet bowls urinals sinks found in (health care facilities [hospitals]) patient rooms operating rooms ICU areas shower rooms and locker rooms [It can also be used to preclean and disinfect (hospital items wheelchair [hospital] patient] bed rails and linings wash basins bed pans medical equipment surfaces food establishments (restaurants) (commercial kitchens) & restrooms) any washable (food and non food contact) surface (where disinfection is required) Do not use on glasses dishes utensils or interior surfaces of appliances

Use (this product) (Product Name) to clean sanitize and disinfectant non porous ambulance equipment and surfaces by rinsing all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F) and allow to air dry (Precaution Cleaning at 120 F temperature will avoid overheating and distortion of the ambulance equipment and surfaces that would necessitate replacement)

[(This product) (Product Name)] is a versatile cleaner sanitizer and broad spectrum disinfectant formulated for use on bath and therapy equipment (Whirlpools)

Non Food Contact Surface Sanitizer

Food Contact Surface Sanitizer

[(This product) (Product Name)] meets AOAC Germicidal and Detergent Test Standards for hard non porous (inanimate) (environmental) food contact surfaces

[(This product) (Product Name)] has been cleared by the EPA in 40CFR180.940(a) and (c) for use on hard non porous (inanimate) (environmental) food processing equipment utensils and other hard non porous (inanimate) (environmental) food – contact articles at a concentration of 200-400 ppm active

Eliminates (kills) 99.999% of bacteria commonly found on kitchen surfaces (in 60 seconds)

Kills 99.999% of bacteria like *Escherichia coli* and *Staphylococcus aureus* on food contact kitchen surfaces in 60 seconds

[(This product) (Product Name)] is a sanitizer for hard nonporous (inanimate) (environmental) non food contact surfaces (703 ppm active) according to the method for Sanitizers – Non Food Contact Surfaces modified in the presence of 5% organic serum in 1 minute against
(OR)

[(This product) (Product Name)] is an effective one step non food contact sanitizer against the following on hard non porous (inanimate) (environmental) surfaces

Staphylococcus aureus

For use in

Federally inspected meat and poultry plants on all hard non porous (inanimate) (environmental) surfaces in inedible product processing areas non processing areas and/or exterior areas All surfaces must be thoroughly rinsed with potable water

Federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments Food products and packaging material must be removed from the room or carefully protected All surfaces must be thoroughly rinsed with potable water

Federally inspected meat and poultry plants as a disinfectant agent for use in all departments Food products and packaging material must be removed from the room or carefully protected Use product in accordance with its label All surfaces must be thoroughly rinsed with potable water

[(This product) (Product Name)] is for use as a disinfectant on hard non porous (inanimate) (environmental) surfaces (at 703 ppm active) and as a sanitizer on dishes glassware and utensils public eating places dairy processing equipment and food processing equipment (at 150-400 ppm active)

[(This product) (Product Name)] is for use as a sanitizer in bottling and beverage dispensing equipment

[(This product) (Product Name)] is for use as a sanitizer in sanitary filling of bottles and cans

[(This product) (Product Name)] is for use in sanitizing bottles or cans in the final rinse application and for external spraying of filling and closing machines

[(This product) (Product Name)] is for use as a sanitizer in beer fermentation and holding tanks

[(This product) (Product Name)] is for use as a sanitizer in wineries for use on holding tanks floors and processing equipment

[(This product) (Product Name)] is for use as a Food Grade Egg Shell sanitizer with best results achieved in water temperatures ranging from 78-110 F

Escherichia coli (*E. coli*) and *Staphylococcus aureus* (*Staph*) are common bacteria found where food is prepared and stored [(This product) (Product Name)] kills these bacteria and helps prevent cross contamination on (treated) kitchen surfaces listed on this label

Regular effective cleaning and sanitizing of equipment utensils and work or d surfaces which could harbor food poisoning microorganisms minimizes the probability of contaminating food during preparation storage or service Effective cleaning will remove soil and prevent the accumulation of food residues which may decompose or support the rapid development of food poisoning organisms or toxins Application of effective sanitizing procedures reduces the number of those microorganisms that (which) are present on equipment and utensils after cleaning and reduces the potential for the transfer either directly through tableware such as glasses cups and flatware or indirectly through food

To prevent cross contamination kitchenware and food contact surfaces of equipment must be washed rinsed with potable water and sanitized after each use and following any interruption of operation during which time contamination may have occurred

Where equipment and utensils are used for preparation of foods on a continuous or production line basis utensils and the food contact surfaces of equipment must be washed rinsed and sanitized at intervals throughout the day on a schedule based on food temperature type of food and amount of food part-circ accumulation

Klebsiella pneumoniae

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[[This product (Product Name)] is a one step cleaner and [deodorant (odor counteractant) (odor neutralizer)] designed for [general cleaning) (and) (disinfecting) (deodorizing) (and controlling mold and mildew)] on hard non porous (inanimate) (environmental) surfaces

[[This product (Product Name)] cleans disinfects and deodorizes surfaces by killing odor causing microorganisms and mold and mildew. Its non abrasive formula is designed for use on (restroom surfaces) glazed ceramic (restroom) tile glazed porcelain chrome stainless steel and plastic surfaces associated with floors walls fixtures toilets urnals sinks shower rooms and locker rooms

Kills odor causing bacteria in the [[kitchen) (bathroom)]

[[Malodor Activity) (Odor) (Counteractancy)] - [[eliminates) (destroys)] odors and odor causing bacteria on hard nonporous (inanimate) (environmental) surfaces in restroom areas behind and under sinks and counters and storage areas (and other hard nonporous (inanimate) (environmental) surfaces) where bacterial growth can cause malodors

Controls odors caused by bacteria used in waterbed uses

Cleans everyday kitchen messes

Cleans non food contact kitchen surfaces and food preparation areas

One step cleaner

Cleans and shines

Will not harm most surfaces. For a cleaner fresher household. Removes stains. Removes dirt. Non staining. Clear formula.

Cleans everyday kitchen messes like dirt grease and food stains. Cuts through tough grease and grime.

Floor cleaner

[[This product (Product Name)] provides effective cleaning strength that will not dull most metal interlock floor finishes and does not require a rinse prior to recoat.

[[This product (Product Name)] is formulated to provide effective cleaning strength that will not dull high gloss floor finishes with repeated use.

[[This product (Product Name)] is for use in kitchens bathrooms and other household areas.

[[This product (Product Name)] is a multi surface cleaner deodorizer and disinfectant. Use on windows mirrors and other non food contact glass surfaces.

For use in households

Use (this product (Product Name) to disinfect non porous salon/barber tools and instruments such as combs brushes scissors clippers plastic rollers trimmers razors blades tweezers baths and manicure instruments and pedicure surfaces.

Use (this product (Product Name) to sanitize and disinfect non porous salon/barber tools and instruments such as combs brushes scissors clippers plastic rollers trimmers razors blades tweezers baths and manicure instruments and pedicure instruments.

[[This product (Product Name)] is an effective antimicrobial cleaner designed for use by wholesale and retail florists shippers and green houses.

When used as directed [[This product (Product Name)] will disinfect hard non porous (inanimate) (environmental) surfaces such as flower buckets floors and walls of coolers design and packing benches and countertops.

[[This product (Product Name)] can be relied on to deodorize coolers buckets garbage pails and other areas where obnoxious odors develop.

Use (this product (Product Name) to clean disinfect and deodorize flower buckets walls and floors of coolers shippers greenhouse packing areas garbage pails and other areas where obnoxious odors develop.

[[This product (Product Name)] can be used as a general purpose antimicrobial detergent in florist shops wholesale florist shippers greenhouse packing areas and other commercial floriculture places for efficient cleaning and antimicrobial action against certain bacteria which cause (Not for use in California).

1 Plugging of stems with slime which reduces uptake of water for various flowers including roses chrysanthemums gladiol and tulips.

2 Production of ethylene gas which can injure blooms of the various sensitive flowers including carnations snapdragons some orchids baby's breath sweet pea freesia and alstroemeria.

Use (this product (Product Name) to clean sanitize and disinfect hard non porous (inanimate) (environmental) surfaces of personal protective safety equipment protective headgear athletic helmets wrestling/boxing headgear athletic shoe soles hard hats half mask respirators full face breathing apparatus gas masks goggles spectacles headphones face shields hearing protectors and hard non porous surfaces of ear muffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120 F) and allow to air dry (Precaution: Cleaning at 120 F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)

Use to clean and disinfect non medical (ie industrial and fire fighting) respirators in industrial commercial and institutional premises.

Use [[on) (to clean and disinfect)] non porous athletic mats wrestling mats gymnastic mats exercise equipment and training tables.

DIRECTIONS FOR USE

(Note to reviewer: Brackets [] indicate that one option within the brackets MUST be used in the final label text. Each option within the brackets is enclosed in a set of parentheses ().

(Note to reviewer: The following statement will be used on all labels.)

It is a violation of Federal Law to use [[This product) (Product Name)] in a manner inconsistent with its labeling.

(Note to reviewer: One of the following statements will be used on all labels with applicable use sites - ie kitchens and food processing areas except for Fogging directions for use.)

Before using [[this product) (Product Name)] food products and packaging materials must be removed from the room or carefully protected. Do not use (this product (Product Name) to clean or disinfect [[tensils) glassware dishes or interior surfaces of appliances.

OR
Before use in federally inspected meat and poultry processing plants and dairies food products and packaging materials must be removed from room or carefully protected.

OR
Before using [[this product) (Product Name)] food products and packaging materials must be removed from the room or carefully protected.

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DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals Dental Offices Nursing Homes and Other Health Care Institutions) AND NON MEDICAL FACILITIES (Households Schools Restaurants Food Services Dairies Farms Beverage and Food Processing Plants and Other Non Medical Facilities) At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water use level (703 ppm active) (or equivalent use dilution) and with a 10 minute contact time (This product) (Product Name) is bactericidal according to the AOAC Use Dilution Test method on hard non porous (inanimate) (environmental) surfaces modified in the presence of 5% organic serum against

- Acinetobacter baumannii* (ATCC 19606)
- Bordetella bronchiseptica*
- Campylobacter jejuni*
- Corynebacterium ammoniagenes*
- Enterobacter aerogenes*
- Enterococcus faecalis*
- Escherichia coli* O111 H8 (ATCC BAA 184)
- Escherichia coli* O157 H7 (ATCC 35150)
- Vancomycin Resistant Enterococcus faecalis* (VRE) (ATCC 51575)
- Escherichia coli*
- Klebsiella pneumoniae*
- Listeria monocytogenes*
- Pseudomonas aeruginosa*
- Salmonella enterica*
- Salmonella schottmuelleri*
- Salmonella typhi*
- Shigella dysenteriae*
- Staphylococcus aureus*
- Community associated Methicillin resistant Staphylococcus aureus* (CA MRSA)
- Staphylococcus aureus* (Methicillin resistant)
- Vancomycin Intermediate resistant Staphylococcus aureus* (VISA) (HIP 5836)
- Streptococcus salivarius*

VIRUCIDAL PERFORMANCE At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water use level (or equivalent use dilution) (703 ppm active) (This product) (Product Name) 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 (inanimate) (environmental) surfaces

- Avian Influenza A H5N1 virus
- Avian Influenza A H9N2/Turkey/Wisconsin virus
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Herpes Simplex virus Type 1
- Human Coronavirus
- Influenza A/Japan virus
- Influenza A (H1N1) virus (ATCC VR 1469)
- Norovirus (Norwalk like virus) (Feline Calicivirus) (ATCC VR 782)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water in the presence of 5% blood serum for a two minute contact time [(this product) (Product Name)] was found to be effective against

- HIV 1 (AIDS Virus)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) in the presence of 5% organic load [(this product) (Product Name)] was proven to be effective against (Duck) Hepatitis B Virus with a contact time of 10 minutes (The description Duck must be used in California)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon (or equivalent use dilution) (703 ppm active) (and in the presence of 5% organic load) [(this product) (Product Name)] was proven to be effective against Hepatitis C Virus (HCV) with a contact time of 10 minutes (Not for use in California)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) in the presence of 5% organic load [(this product) (Product Name)] was proven to be effective against (Duck) Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV (surrogate for human Hepatitis C virus) (HCV) with a contact time of 10 minutes (The description Duck must be used in California)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water in the presence of 5% blood serum for a two minute contact time [(this product) (Product Name)] was found to be effective against HIV 1 (AIDS Virus)

At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) in the presence of 5% organic load [(this product) (Product Name)] was proven to be effective against Feline Calicivirus (surrogate for Norwalk virus) with a contact time of 10 minutes

NON FOOD CONTACT SANITIZING PERFORMANCE At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) and a (1 minute) (60 second) contact time [(this product) (Product Name)] is an effective one step sanitizer on hard non porous (inanimate) (environmental) surfaces against

- Staphylococcus aureus*
- Klebsiella pneumoniae*

FUNGICIDAL PERFORMANCE When used as directed at a 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water use level (or equivalent use dilution) (703 ppm active) and with a 10 minute contact time [(this product) (Product Name)] is effective against the following on hard non porous (inanimate) (environmental) surfaces

- Aspergillus niger*
- Trichophyton mentagrophytes* (athlete's foot fungus) (a cause of Ringworm)

PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL USE SOLUTION

For heavily soiled areas a preliminary cleaning is required [(Add) (Mix)] [(1 ounce) ((a) (one) 1 ounce packet)] (of this product) (Product Name)) [(to) (with)] [(one) (1)] gallon of water (1 128) (or equivalent use dilution) (703 ppm active) to disinfect hard non porous (inanimate) (environmental) surfaces Apply use solution using a brush cloth mop sponge auto scrubber or mechanical spray device (hand pump) coarse pump trigger spray device) or by immersion so as to thoroughly wet surfaces For spray applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Change cloth sponge or towels frequently to avoid redeposition of soil Treated surfaces must remain wet for 10 minutes [(Rinse) (Wipe up excess liquid (with a paper towel))] (Allow to air dry) (Rinsing of floors is not necessary unless they are to be waxed or polished) (Rinse all treated surfaces that come in contact with food such as countertops appliances tables and stovetops with potable water before reuse) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)] (Note to reviewer This statement will be used on all labels except for labels of products used exclusively on floors)

VIRUCIDAL PERFORMANCE For heavily soiled areas a preliminary cleaning is required Apply 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) to surfaces thoroughly wetting with a brush cloth mop sponge auto scrubber or mechanical spray device (hand pump)

[(This product (Product Name)) is effective against the control of small flies on non food contact surfaces such as floors walls drains countertops metal surfaces painted surfaces glazed porcelain glazed tile glass chrome rubber and plastic in restaurants kitchens dishwashing areas and bar and wait station areas

[(This product (Product Name)) cleans by removing dirt grime and food soils in food preparation and processing areas Its non abrasive formula will not [(harm) (scratch)] surfaces It cleans disinfects and eliminates odors leaving surfaces smelling clean and fresh Use where odors are a problem

[(This product (Product Name)) has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Human (and Canine) Coronavirus

[(This product (Product Name)) has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces Utilizing Canine Coronavirus

[(This product (Product Name)) provides long lasting freshness against tough (pet) odors such as odors from litter boxes and pet accidents

[(This product (Product Name)) is a versatile Disinfectant & Sanitizer for Veterinarian Veterinary Practice Animal Care Animal Laboratory and Agricultural and Farm Premise applications

[(This product (Product Name)) cleans by removing dirt grime mold mildew blood urine fecal matter and other common soils found in animal housing facilities livestock swine or poultry facilities grooming facilities farms kennels pet stores veterinary clinics laboratories or other small animal facilities It (also) eliminates odors leaving surfaces smelling clean and fresh

[(This product (Product Name)) can be used to disinfect clean and deodorize terrarium and small animal cages hot rock substrate and other hard nonporous (inanimate) (environmental) cage [(equipment) (furniture) (plastic terrarium ornaments) (driftwood heat caves) (and) (water dishes)] (Use on hot rocks and driftwood not allowed in CA)

[(This product (Product Name)) cleans disinfects and deodorizes (hard non porous (inanimate) (environmental) surfaces) in one step [(Its non abrasive formula is designed for use) (Use daily) (Use daily to clean and disinfect)] on (hard non porous (inanimate) (environmental) surfaces) plated or stainless steel aluminum chrome glazed porcelain glazed tile laminated surfaces (associated with floors walls countertops cages kennels animal equipment) found in [(barns pens and stalls) (animal housing facilities)]

[(This product (Product Name)) has been designed for veterinarians animal groomers hair stylists barbers and beauticians for use in disinfecting and maintaining clippers It acts as a virucide and bactericide while also cleaning Regular use will help to maintain blades that operate with reduced friction and with smoother clipping action Will help to prolong equipment life [(This product) (Product Name)] is designed for use in pet salons animal hospitals barber and beauty shops When used as directed it will disinfect metal clipper blades as well as many other hard non porous (inanimate) (environmental) surfaces

[(This product (Product Name)) is for use in Poultry Premise Sanitation (Hatcheries) Egg Receiving Area Tray Dumping Area Chick Processing Area Egg Holding Area Chick Holding Area Chick Loading Area Setter Room Hatchery Room Poultry Buildings

[(This product (Product Name)) is for use in Swine Premise Sanitation Farrowing Barns and Areas Dressing Plants Blocks Waterers and Feeders Loading Equipment Creep Area Hauling Equipment Nursery Chutes

[(This product (Product Name)) cleans rodent soiled areas Kills Athlete s Foot fungus on bathroom surfaces

[(This product (Product Name)) is an effective fungicide against Trichophyton mentagrophytes (the athlete s foot fungus) when used on surfaces in areas such as locker rooms dressing rooms shower and bath areas exercise facilities

[(This product (Product Name)) inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors (Not for use in CA)

[(This product (Product Name)) is effective at controlling [(mold and mildew) (odor)] on shower curtains

[(It) (This product (Product Name)) inhibits the growth of mold and mildew leaving bathrooms and kitchens clean and fresh smelling

Eliminates odors caused by bacteria (and) (mildew) (and) (non fresh foods)

[(This product (Product Name)) is for non scratch cleaning of showers and tubs shower doors and shower curtains fixtures and toilet bowls

[(This product (Product Name)) will not leave a grit or soap scum

[(This product (Product Name)) is a (concentrated) non acid (bowl and) bathroom cleaner which cleans disinfects and deodorizes in one easy step It cleans disinfects and deodorizes surfaces by killing many odor causing microorganisms and mold and mildew [(Its non abrasive formula is designed for use) (Use daily)] on hard non porous (inanimate) (environmental) restroom surfaces glazed ceramic (restroom) tile glazed porcelain chrome stainless steel and plastic surfaces associated with floors walls fixtures toilets urinals sinks shower rooms and locker rooms

[(This product (Product Name)) is for use in work areas such as tool rooms and garages for odor control and light duty cleaning

Great for use [(on) (in the)] [(kitchen) (bathroom) (floors) (and) (other household areas)] [(Removes) (eliminates)] odors Deodorizes Will not harm most surfaces

[(This product (Product Name)) [(maximizes) (improves)] labor results by effectively controlling odors

When used as directed [(This product) (Product Name)] will deodorize surfaces in restroom and toilet areas behind and under sinks and counters garbage cans and garbage storage areas and other places where bacterial growth can cause malodors

[(This product (Product Name)) [(controls) (reduces) (eliminates) (neutral (destroys))] odors to make your [(home) (kitchen) (bathroom)] sanitary

[(This product (Product Name)) neutralizes musty odors and tough odors from smoke pet accidents and spills on contact

[(This product (Product Name)) is specially formulated to effectively eliminate offensive odors caused by mold and mildew

[(This product (Product Name)) is effective against odors caused by animal waste septic tank or sewage backup smol & inc. bathroom ar c l itche r odors

[(This product (Product Name)) is for use in hou eltid and commecial humidifiers Use (of (this product) (Product Name)) will control unpleasent [(malodors) (odors)] (Not for use in CA)

Humidifier Bacteria Algae treatment is a bacteriostat which can control the build up of bacteria and algae in water tanks of portable (e-vaporative) humidifiers (Not for use in CA)

coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Treated hard non porous (inanimate) (environmental) surfaces must remain wet for ten (10) minutes [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

CLEANING AND DISINFECTION For heavily soiled areas a pre cleaning step is required For one step cleaning and disinfection use a 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water use solution (1 128 solution) (or equivalent use dilution) (703 ppm active) Apply use solution to hard nonporous (inanimate) (environmental) surfaces using a brush sponge cloth mop auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion so as to thoroughly wet surface For sprayer applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Allow surfaces to remain wet for 10 minutes [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE AS A ONE STEP CLEANER/DISINFECTANT

- 1 Pre clean heavily soiled areas
- 2 Apply (use solution of) 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water) (703 ppm active) (or equivalent use dilution) to hard non porous (inanimate) (environmental) surfaces using a sponge brush cloth mop auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray
- 3 Rub with brush cloth or sponge
- 4 To disinfect all surfaces must remain wet for ten (10) minutes
- 5 [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)]
- 6 Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

PREPARATION OF NON FOOD CONTACT SANITIZER USE SOLUTION For heavily soiled areas a preliminary cleaning is required [(Add) (Mix)] [(1 ounce) ((a) (one) 1 ounce packet)] (of (this product) (Product Name)) [(to) (with)] [(one) (1)] gallon of water (1 128) (703 ppm active) (or equivalent use dilution) Apply sanitizer use solution to hard non porous (inanimate) (environmental) non food contact surfaces with a brush cloth mop sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion so as to thoroughly wet surface to be sanitized For sprayer applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Treated surfaces must remain wet for [(60 seconds) (1 minute)] [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TO SANITIZE (AND DEODORIZE) For heavily soiled areas a preliminary cleaning is required Apply sanitizer use solution of 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water to hard non porous (inanimate) (environmental) non food contact surfaces thoroughly wetting as required Appl, with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or

trigger spray device) or by immersion For sprayer applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Let stand for 60 seconds [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR DISINFECTING HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES AGAINST AVIAN INFLUENZA A (H5N1) (H9N2) VIRUS For use in homes hospitals hotels motels schools and other non animal use sites follow the [(INSTITUTIONAL) DISINFECTANT DIRECTIONS] (PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL USE SOLUTION)] directions (OR) For use in animal housing facilities follow the SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A (H5N1) (H9N2) VIRUS in the Animal Premise section

DISINFECTION/FUNGICIDAL/VIRUCIDAL - INSTITUTIONS and NON MEDICAL DILUTION CHART

Ounces of Product	Amount of Water
1/2 ounce	1 quart
1 0 ounce	1/2 Gallon
2 1/2 ounces	1 gallon
5 0 ounces	2 1/2 gallons
10 0 ounces	5 gallons
	10 gallons

DILUTION GUIDE

- For Hospital or Medical Environment claims 1 oz/1 gal water
- For General or Broad Spectrum claims 1 oz/1 gal water
- For Public Health Virucidal claims 1 oz/1 gal water
- For Animal Virucidal claims 1 1 25 or 4oz/1gal water
- For Non Food Contact Sanitizing claims 1 oz/1 gal water
- For Food Contact Sanitizing claims 1 2oz/3 5 gal water
- For Fungicidal claims 1 oz/1 gal water
- For Mold and Mildew claims 1oz/1 gal water

HOSPITAL/HEALTH CARE

(Note for reviewer For labels that list medical premises and metal and/or stainless steel surfaces one of the following FDA/EPA Memorandum of Understanding statements must be used)

[(This product) (Product Name)] 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) (Product Name)] can be used to pre clean or decontaminate critical or semi critical medical devices prior to sterilization or high level disinfection (Or)

[(Not for use on medical devices or medical equipment surfaces) ((This product) (Product Name)) is not for use on Medical device surfaces]]

INSTITUTIONAL DISINFECTANT DIRECTIONS (Hospitals Dental Offices Nursing Homes and Other Health Care Institutions) For heavily soiled areas a preliminary cleaning is required For disinfecting hard non porous (inanimate) (environmental) surfaces such as floors walls countertops bathing areas lavatories bed frames tables chairs garbage pails [(add) (mix)] [(1 ounce) ((a) (one) 1 ounce packet)] (of

(this product) (Product Name)) [(to) (with)] [(one) (1)] gallon of water (1 128) (or equivalent use dilution) (703 ppm active) to disinfect hard non porous (inanimate) (environmental) surfaces. Apply use solution to surfaces thoroughly wetting surfaces with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For sprayer applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Treated surfaces must remain wet for 10 minutes [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

KILLS HIV HCV and HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or 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 1 (HIV 1) (associated with AIDS) Hepatitis B virus (HBV) and Hepatitis C virus (HCV)

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV 1 HCV and HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

Personal Protection [(Clean up must always be done wearing protective latex gloves gowns masks and eye protection) (Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves gowns masks and eye protection)]

Cleaning Procedure Blood and other body fluids (containing HIV 1 HBV and HCV) must be thoroughly cleaned from hard nonporous (inanimate) (environmental) surfaces and objects before application of [(this product) (Product name) (the disinfectant)]

Disposal of Infectious Materials Blood and other body fluids cleaning materials and clothing must be autoclaved and disposed of according to federal state and local regulations for infectious waste disposal

Contact Time For HIV leave hard nonporous (inanimate) (environmental) surfaces wet for two minutes with a 1 ounce [of (this product) (Product Name)] per 1 gallon of water (or equivalent use dilution) (703 ppm active) use solution This contact time will not control other common types of viruses and bacteria For HBV and HCV leave hard nonporous (inanimate) (environmental) surfaces wet for 10 minutes with a 1 ounce [of (this product) (Product Name)] per 1 gallon (or equivalent use dilution) (703 ppm active) use solution

SURGICAL INSTRUMENT PRESOAK Add 1 ounce (of (this product) (Product Name)) to [(1) (one)] gallon of water (or equivalent use dilution) (703 ppm active) Place pre cleaned instruments in solution to presoak surgical instruments for a minimum of 10 minutes Then proceed with normal sterilization procedure [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

Note Plastic instruments can remain immersed until sterilization Metal instruments must be removed after 10 minutes rinsed dried and kept in a clean non contaminated receptacle until sterilization Prolonged soaking will cause damage to metal instruments Surgical instruments must be sterilized before use

ULTRASONIC BATH DISINFECTANT/FUNGICIDAL DIRECTIONS Pre clean heavily soiled objects Use (This product) (Product Name) to disinfect hard non porous

(inanimate) (environmental) non critical objects compatible with Ultrasonic cleaning units Pour a fresh solution of 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) directly into bath chamber Place objects into unit and operate for a minimum of 10 minutes (according to manufacturers use directions) [(Remove objects and [(wash) (rinse)] with sterile water (for injection)) (Allow to air dry)] [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR DISINFECTING/FUNGICIDAL ON HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) (FIBERGLASS) BATH AND THERAPY EQUIPMENT To remove body oils dead tissue soil and all other buildups or organic matter on hard nonporous (inanimate) (environmental) surfaces after using the unit drain the water and refill with fresh water to just cover the intake valve Add 1 ounce (of (this product) (Product Name)) for each gallon of water (or equivalent use dilution) (703 ppm active) in the unit at this point Briefly start the pump to circulate the solution Turn off pump Wash down the unit sides seat of the chair lift and any/all related equipment with a clean swab brush or sponge [(Product to surface contact time must be at least) (Treated surfaces must remain wet for)] 10 minutes for proper disinfection After the unit has been thoroughly disinfected drain solution from the unit and rinse an disinfected/cleaned surfaces with fresh water The unit is ready for reuse

CLEANING AND DISINFECTING HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS) Pre clean equipment if heavily soiled to ensure proper surface contact Add 1 ounce (of (this product) (Product Name)) to (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) Gently mix for uniform solution Apply solution to hard non porous (inanimate) (environmental) surfaces of the respirator with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion Thoroughly wet all surfaces to be disinfected For spray applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Treated surfaces must remain wet for ten (10) minutes Remove excess solution from equipment prior to storage Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)] The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR § 1910 134)

SANITIZER DIRECTIONS FOR NON FOOD CONTACT SURFACES IN INSTITUTIONAL FACILITIES

ULTRASONIC BATH SANITIZER DIRECTIONS Pre clean soiled objects Use (This product) (Product Name) to sanitize hard (inanimate) (environmental) non porous non critical objects compatible with Ultrasonic cleaning units Pour a fresh solution of 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) directly into bath chamber Place objects into unit and operate for a minimum of [(60 seconds) (1 minute)] (according to manufacturers use directions) [(Remove objects and rinse with sterile water (for injection)) (Allow to air dry)] [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

Note [(This product) (Product Name)] in its use solution is compatible with stainless steel aluminum and most other hard nonporous (inanimate) (environmental) surfaces Before product use it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use

SANITIZATION OF HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS) Add 1 ounce (of this product) (Product Name) to 1 gallon of water (or equivalent use dilution) (703 ppm active) Gently mix for uniform solution Apply solution to hard non porous (inanimate) (environmental) surfaces of the respirator with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion Thoroughly wet all surfaces to be disinfected Treated surfaces must remain wet for [(1 minute) (60 seconds)] Remove excess solution from equipment prior to storage Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOOD PROCESSING PREMISES

DIRECTIONS FOR FOOD PROCESSING PLANTS For use on non food contact hard nonporous (inanimate) (environmental) surfaces such as floors walls tables garbage cans and disposal areas Follow the **PREPARATION OF DISINFECTION/ VIRUCIDAL /FUNGICIDAL USE SOLUTION** use directions

DIRECTIONS FOR FOOD STORAGE AREAS For use on non food contact hard nonporous (inanimate) (environmental) surfaces such as shelves floors walls and tables Follow the **PREPARATION OF DISINFECTION/VIRUCIDAL /FUNGICIDAL USE SOLUTION** use directions

FOR USE AS A CLEANER/DISINFECTANT IN FOOD PROCESSING PLANTS

- 1 For heavily soiled areas thoroughly clean surface prior to disinfecting
- 2 Apply use solution of 1 oz (of this product) (Product Name) per (one) (1) gallon of water evenly over hard nonporous (inanimate) (environmental) surfaces using a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion Be sure to wet all surfaces thoroughly For spray applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge
- 3 Allow product to remain on surface for ten (10) minutes
- 4 [(Wipe with clean cloth sponge or paper towel) (Wipe up excess liquid (with a paper towel))] Change cloth sponge or towels frequently to avoid redeposition of soil
- 5 When disinfecting food contact surfaces used for food preparation rinse surfaces thoroughly with potable water [(This product) (Product Name)] must not be used to clean the following surfaces utensils glassware dishes or interior surfaces of processing equipment
- 6 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TO DISINFECT FOOD PROCESSING AND TOBACCO PREMISES For heavily soiled areas a pre cleaning step is required For use on floors walls storage areas and other hard nonporous (inanimate) (environmental) surfaces [(add) (mix)] [(1 ounce) ((a) (one) 1 ounce packet)] (of this product) (Product Name) [(to) (with)] (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) Apply solution with a brush mop cloth sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion so as to wet all surfaces thoroughly For spray applications spray 6 8 inches from surface Rub with brush cloth or sponge Allow surface to remain wet for 10 minutes [(Then remove excess liquid (with a paper towel) and rinse the surface with potable water) (After use all surfaces in the area must be thoroughly rinsed with potable water)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TO DISINFECT FOOD SERVICE ESTABLISHMENT FOOD CONTACT SURFACES For heavily soiled areas a pre cleaning step is required For use on countertops exterior surfaces of appliances tables and other hard nonporous (inanimate) (environmental) surfaces [(add) (mix)] [(1 ounce) ((a) (one) 1 ounce packet) (of this product) (Product Name)] [(to) (with)] (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) Apply solution with a brush mop cloth sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion so as to wet all surfaces thoroughly For spray applications spray 6 8 inches from surface Rub with brush cloth or sponge Allow surface to remain wet for 10 minutes [(Wipe with clean cloth sponge or paper towel) (Wipe up excess liquid (with a paper towel))] (Then remove excess liquid) [(Rinse the surface with potable water) (After use all surfaces in the area must be thoroughly rinsed with potable water)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE ON NON FOOD CONTACT SURFACES AS A DISINFECTANT IN THE BREWERY INDUSTRY Follow the **[DIRECTIONS FOR FOOD PROCESSING PLANTS] (FOR USE AS A CLEANER/DISINFECTANT IN FOOD PROCESSING PLANTS) (TO DISINFECT FOOD PROCESSING AND TOBACCO PREMISES)]** use directions

DISINFECTING POTATO STORAGE AREA AND EQUIPMENT Remove all potatoes prior to disinfection of potato storage area and equipment Follow the **[DIRECTIONS FOR FOOD PROCESSING PLANTS] (FOR USE AS A CLEANER/DISINFECTANT IN FOOD PROCESSING PLANTS) (TO DISINFECT FOOD PROCESSING AND TOBACCO PREMISES)]** use directions

FOR CONTROL OF DROSOPHILA SPP AND PHORIDAE FAMILY OF FLIES ON NON FOOD CONTACT SURFACES To control flies on hard non porous non food contact (inanimate) (environmental) surfaces such as floors walls countertops metal surfaces painted surfaces glazed porcelain tiled glass chrome rubber and plastic in restaurants kitchens dishwashing areas and bar and wait station areas and other food storage areas After removing gross filth apply a solution of 1 ounce [(of this product) (Product Name)] per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) to surfaces and locations where flies may breed Spray surfaces thoroughly or apply by pouring mopping or sponging onto the surface Allow surface to remain wet for 10 minutes Repeat application 1 2 times per week or as needed Do not contaminate food and food packaging

FOR CONTROL OF SMALL FLIES IN DRAINS For control of small flies Drosophila spp and the Phoridae family Spray or pour solution of 1 ounce [(of this product) (Product Name)] per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) into drain during time of lowest level of drain use Add 14 ounces of solution daily to each drain to maintain fly control Apply around the edge of the drain and coat all sides of inside of drain Repeat application 1 2 times per week or as needed Do not contaminate food and food packaging

DIRECTIONS FOR FOGGING IN DAIRIES BEVERAGE AND FOOD PROCESSING PLANTS Prior to fogging food products and packaging material must be removed from the room or carefully protected After cleaning fog desired areas using 1 quart per 1000 cubic feet of room area with a solution containing 1/ ounces of product to 1 gallon of water (or equivalent use dilution) (1 230 ppm) Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility All food contact surfaces must be

sanitized with an EPA approved food contact sanitizer solution of 200 400 ppm active (1 2 ounce [of this product] (Product Name)) per 3 1/2 gallons [of this product] (Product name)) (or equivalent use dilution) prior to use [(All food contact surfaces must be thoroughly rinsed prior to reuse with potable water) (Allow food contact surfaces to drain thoroughly before operations are resumed)]

Note The fog generated is irritating to the eyes skin and mucous membranes Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility If the building must be entered then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA goggles long sleeves and long pants

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES

**SANITIZER DIRECTIONS FOR NON FOOD CONTACT SURFACES
in FOOD PROCESSING FACILITIES**

SHOE (BOOT) BATH SANITIZER DIRECTIONS To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings hatcheries and at all the entrances to the production and packaging rooms Scrape waterproof shoes and place in a 1 ounce (of this product) (Product Name) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) use solution for [(1 minute) (60 seconds)] prior to entering area [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR FOOT DIP OF WATER PROOF FOOTWEAR Use (this product) (Product name) at 1 ounce per (one) (1) gallon of water in foot dip tray Shoe baths must contain at least 1 inch of freshly made solution and be placed at the entrances to buildings Scrape shoes and place in diluted solution for [(1 minute) (60 seconds)] before entering building Change solution in bath daily or soon if solution appears dirty

SHOE FOAM DIRECTIONS To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants apply a foam layer approximately 0.5 to 2 inches thick made from a solution of 1 to 1.5 ounces per (one) (1) gallon of water (or equivalent use dilution) (703 to 1051 ppm active) at all entrances to buildings hatcheries production and packaging rooms by using a foam generating machine or aerator to apply foam layer Follow the foaming directions as specified by the manufacturer of the foam generator/aerator Scrape waterproof shoes Stand and/or walk through foamed area for [(1 minute) (60 seconds)] prior to entering area Foam area must be washed and replaced at least daily or when it appears visibly [(diluted) (soiled) (dirty)]

(For food processing or other facilities that have installed entryway sanitizing systems)

ENTRYWAY SANITIZING SYSTEMS To prevent cross contamination from area to area set the system to deliver (1oz per (one) (1) gallon of water) (or equivalent use dilution) (703 ppm active) of sanitizing solution The (spray) (foam) must cover the entire path of the doorway Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor

Do not mix other foam additives to the sanitizing solution

MUSHROOM FARM INDUSTRY USE DIRECTIONS

Site Preparation The first step in any ongoing sanitation program must be the removal of gross contamination and debris This may be accomplished by using a shovel broom or vacuum depending on the area to be disinfected

Disinfection For heavily soiled areas preclean first Use a 1 ounce (of this product) (Product Name) per (one) (1) gallon of water (or equivalent dilution) use solution Wet all hard nonporous (inanimate) (environmental) surfaces thoroughly Treated surfaces must remain wet for 10 minutes Let air dry Prepare a fresh solution for each use

For Heavy Duty Cleaning When greater cleaning is desired use a 2 ounce (of this product) (Product Name) per (one) (1) gallon of water (or equivalent dilution) use solution Heavily soiled areas will require repeated cleaning before treatment

DO NOT APPLY TO THE MUSHROOM CROP COMPOST OR CASING Rinse treated surfaces with potable water before they contact the crop compost or casing

**FOOD CONTACT AND TOBACCO PROCESSING EQUIPMENT
SANITIZING DIRECTIONS**

(Note to reviewer This statement must appear with any of the Food Contact Sanitizing claims in this section except for the Fogging directions for use)

Before use as a sanitizer in public eating places and dairies food products and packaging materials must be removed from the room or carefully protected Prior to application remove gross food particles and soil by a pre flush or pre scrape and when necessary presoak Then thoroughly wash or flush objects with a good detergent compatible cleaner followed by a potable water rinse before applications of the sanitizing solution

FOOD CONTACT SANITIZING PERFORMANCE At 1 ounce (of this product) (Product Name) per 3 1/2 gallons of water (or equivalent use dilution) (200 ppm active) [(this product) (Product Name)] eliminates 99.999% of the following bacteria in (60 seconds) (1 minute) in 250 ppm hard water (calculated as CaCO3) according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test

Escherichia coli

Staphylococcus aureus

At 1 ounce (of this product) (Product Name) per 3 1/2 gallons this sanitizer fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Services in waters up to 250 ppm of hardness calculated as CaCO3 when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*

FOOD CONTACT SANITIZING DILUTION GUIDE

To prepare a 200 300 or 400 ppm active solution use the following dilution table Prepare the correct dilution rate based upon the appropriate use site

PUBLIC EATING PLACES DAIRY PROCESSING EQUIPMENT FOOD PROCESSING EQUIPMENT AND UTENSILS SANITIZING DILUTION CHART

Active solution	1 gallon	3 5 gallons	10 gallons	20 gallons
200 ppm	0.28 ounce	1.0 ounce	2.8 ounces	5.7 ounces
300 ppm	0.42 ounces	1.5 ounces	4.27 ounces	8.5 ounces
400 ppm	0.57 ounce	2.0 ounces	5.7 ounces	11.4 ounces

SANITIZATION When used for sanitization of previously cleaned hard nonporous (inanimate) (environmental) food equipment or food contact items limit active to 200 400 ppm active At this level **NO POTABLE WATER RINSE** is allowed

To sanitize previously cleaned and rinsed hard non porous (inanimate) (environmental) food contact surfaces prepare a 200 400 ppm active solution by adding 1 to 2 oz to 3 1/2 gallons of water

TO SANITIZE IMMOBILE HARD NONPOROUS (INANIMATE) (ENVIRONMENTAL) ITEMS (such as tanks chopping blocks countertops refrigerated storage and display equipment and food processing equipment) Flood the area with appropriate ppm active quaternary solution (of this product) (Product Name) for at least [(1 minute) (60

seconds)] making sure to wet all surfaces completely [(Remove excess solution) (Drain the use solution from the surface)] and air dry [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] No potable water rinse is allowed For mechanical operations this solution is used once for sanitizing and may be re used for cleaning

TO SANITIZE MOBILE HARD NONPOROUS (INANIMATE) (ENVIRONMENTAL) ITEMS (such as drinking glasses and eating utensils) Scrape and pre wash utensils glassware cookware dishware and other mobile hard nonporous (inanimate) (environmental) items Immerse in appropriate ppm active quaternary solution (of (this product) (Product Name)) for at least [(1 minute) (60 seconds)] making sure to immerse completely [(Remove items) (Drain the use solution from the surface)] and air dry [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] No potable water rinse is allowed For mechanical operations this solution may be used once for sanitizing and re used for cleaning

PUBLIC EATING PLACES DAIRY PROCESSING

FOR PUBLIC EATING PLACES DAIRY PROCESSING EQUIPMENT AND FOOD PROCESSING EQUIPMENT AND UTENSILS Apply a use solution of [(1 2 ounces) ((a) (one) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200 400 ppm active) to pre cleaned hard non porous (inanimate) (environmental) food contact surfaces thoroughly wetting surfaces with a brush cloth mop sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 to 8 inches from surface Do not breathe spray Rub with brush sponge or cloth From a Closed Loop Dilution Center apply 200 400 ppm active solution to the surface to be sanitized [(Allow surface to remain wet) (Surfaces must remain wet)] for at least [(60 seconds) (one minute)] [(Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] ((after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains)) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] For mechanical application use solution must not be reused for sanitizing applications

SANITIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD NONPOROUS (INANIMATE) (ENVIRONMENTAL) FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS MEAT PLANTS DAIRIES BAKERIES CANNERIES BEVERAGE PLANTS, RESTAURANTS AND BARS DIRECTIONS For sanitizing precleaned food processing equipment dairy equipment food utensils dishes silverware eating utensils glasses sink tops counter tops refrigerator storage and display equipment and other hard non porous (inanimate) (environmental) food contact surfaces apply use solution of [(1 2 ounces) ((a) (one) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200 400 ppm active) with a cloth brush sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion thoroughly wetting surfaces For spray application is spray 6 to 8 inches from surface

Do not breathe spray Rub with brush sponge or cloth Dishes silverware glasses cooking utensils eating utensils and other similar size food processing equipment must be sanitized (by immersion) in a 1 2 ounce (of (this product) (Product Name)) per 3 1/2 gallons of water use solution (of (this product) (Product Name)) (200-400 ppm active) (or equivalent use dilution) [(Allow surface to remain wet) (Surfaces must remain wet)] for at least [(60 seconds) (one minute)] [(Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] ((after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains)) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] For mechanical application use solution must not be reused for sanitizing applications

DIRECTIONS FOR SANITIZING FOOD CONTACT SURFACES IN PUBLIC EATING PLACES DAIRY PROCESSING EQUIPMENT AND FOOD PROCESSING EQUIPMENT AND UTENSILS AND FOOD CONTACT ARTICLES REGULATED BY 40CFR sec 180 940(a)

- 1 Scrape flush or presoak articles (whether mobile or stationary) to remove gross food particles and soil
 - 2 Thoroughly wash articles with an appropriate detergent or cleaner
 - 3 Rinse articles thoroughly with potable water
 - 4 Sanitize hard nonporous (inanimate) (environmental) articles using a solution of [(1 2 ounces) ((a) (one) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200-400 ppm active) Articles that can be immersed in solution must remain in solution for [(60 seconds) (1 minute)] Articles too large for immersing must be thoroughly wetted for [(60 seconds) (1 minute)] by rinsing spraying or swabbing
 - 5 [(Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)]
 - 6 [(NO POTABLE WATER RINSE IS ALLOWED) (DO NOT RINSE) (A potable water rinse is not allowed)] ((AFTER APPLICATION OF THE SANITIZING SOLUTION) (after use as a sanitizer) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains))
 - 7 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] For mechanical application use solution must not be reused for sanitizing applications
- U S PUBLIC HEALTH SERVICE FOOD SERVICE SANITIZATION RECOMMENDATIONS CLEANING AND SANITIZING**
- 1 Thoroughly wash equipment and utensils in a hot detergent solution Rinse utensils and equipment thoroughly with potable water
 - 2 Sanitize equipment and utensils by immersion in [(1 2 ounces) ((a) (one) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water use solution (or equivalent use dilution) for at least [(60 seconds) (1 minute)] at a temperature of 75 F

4 Sanitize by immersion apply use solution of (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air application of the sanitizing solution) (Do not rinse) (after use as a sanitizer) (after use as a sanitizer) (on previously cleaned hard non porous (inanimate) (after application use solution becomes visibly [(diluted) (soiled) dirty]) at least daily or (A potable water rinse is not allowed) (NO POTABLE WATER RINSE IS ALLOWED) (Do not contact with food so that little or no residue remains) (Prepare a fresh solution) (soiled) dirty)) For mechanical application use solution must not be reused for sanitizing applications

WISCONSIN STATE DIVISION OF HEALTH DIRECTIONS FOR EATING ESTABLISHMENTS (Not applicable in CA)

- 1 Scrape and pre wash hard nonporous utensils and glasses whenever possible
- 2 Wash with a good detergent or compatible cleaner
- 3 Rinse with potable water
- 4 Sanitize in a solution of [(1 2 ounces) ((a) (one)) (1) (2)ounce packet)] (of (this product) (200 400 ppm active) contact time specified by governing sanitary code For equipment and utensils too large to sanitize by immersion apply use solution of [(1 2 ounces) ((a) (one)) (1) (2)ounce packet)] (of (this product) (200 400 ppm active) (or equivalent use dilution) (60 seconds)) or for Place sanitized utensils on a rack or drain board to air dry [(A fresh solution must be prepared) (Prepare fresh sanitizing solution)] (dirty))

Note A clean potable water rinse following sanitization is not permitted under Section HFS 196.13 of the Wisconsin Administrative Code (Alternative language for clean in place closed loop dilution centers)

DIRECTIONS FOR EATING ESTABLISHMENTS (Not applicable in CA)

- 1 Scrape and pre wash hard nonporous utensils and glasses whenever possible
- 2 Wash with a good detergent or compatible cleaner
- 3 Rinse with potable water
- 4 Sanitize in a solution from the Closed Loop Dilution Center (200 400 ppm active) spraying or swabbing until thoroughly wetted for [(60 seconds) (one minute)] by rinsing daily or more often when visibly [(soiled) (diluted) (dirty)]

A clean potable water rinse following sanitization is not permitted under Section 196.13 of the Wisconsin Administrative Code

DIRECTIONS FOR RESTAURANT AND BAR SANITIZER

For pre cleaned hard nonporous (inanimate) (environmental) dishes silverware eating utensils and cooking utensils immerse in a solution containing [(a) (one)) (1) (2)ounce packet)] (of (this product) (200 400 ppm active) (or equivalent use dilution) (60 seconds)) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain (NO POTABLE WATER RINSE IS ALLOWED) (Do not contact with food so that little or no residue remains) (Prepare a fresh solution) (soiled) dirty))

FOR USE AS A SANITIZER ON DISHES GLASSWARE SILVERWARE EATING UTENSILS COOKING UTENSILS

Remove gross food particles by pre-rinse then rinse with potable water prior to application (of this product) (Product Name)) (Drain thoroughly before reuse) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain (NO POTABLE WATER RINSE IS ALLOWED) (Do not contact with food so that little or no residue remains) (Prepare a fresh solution) (soiled) dirty))

SANITIZING OF (REFRIGERATED) FOOD PROCESSING EQUIPMENT (ICE MACHINES) AND OTHER HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES IN FOOD CONTACT LOCATIONS

- 1 Turn off refrigeration (Note Use this direction only if applicable)
- 2 Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing (Note Use this direction only if applicable)
- 3 Wash and rinse all surfaces thoroughly
- 4 Apply a solution of [(1 2 ounces) ((a) (one)) (1) (2)ounce packet)] (of (this product) (200 400 ppm active) (or equivalent use dilution) (60 seconds)) (or for contact time [(A fresh solution must be prepared) (Prepare fresh sanitizing solution)] (dirty))

A clean potable water rinse following sanitization is not permitted under Section 196.13 of the Wisconsin Administrative Code

product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains))
 6 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]]
 7 Return machine to service

SANITIZATION OF INTERIOR HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES OF WATER SOFTENERS AND REVERSE OSMOSIS (RO) UNITS

Water Softeners – Sanitization must occur after initial installation after the system is serviced and periodically during its use
 1 [(Tank must be washed with a compatible detergent and rinsed with potable water before sanitizing) (Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing))
 2 Backwash the softener and add 2.4 ounces of sanitizer per 7 gallons of water (or equivalent use dilution) (200 400 ppm active) to the brine tank well (The brine tank must have water in it to permit the solution to be carried into the softener) (NOTE Standard system capacity is 48 gallons)
 3 Proceed with the normal regeneration or interrupt the cycle after the brining step and let the softener soak for a minimum of [(one minute) (60 seconds)]
 4 Backwash the softener with potable water to make sure all sanitizing solution is thoroughly rinsed from the unit before returning the system to service Return system to service Follow the manufacturer's directions for re installation of new pre filters membrane element and post filter

Reverse Osmosis (RO) Units – Sanitization must occur after initial installation after the system is serviced and periodically during its use

1 Turn off RO system drain storage tank and remove membrane element and pre filters Put membrane element in a plastic bag so it remains wet Do not use ((this product) (Product Name)) to sanitize the membrane element Membrane element must be sterilized separately
 2 Tank must be washed with a compatible detergent and rinsed with potable water before sanitizing
 3 Fill empty pre filter housing with 2.4 ounces of sanitizer per 7 gallons of water (or equivalent use dilution) (200 400 ppm active) and turn on raw water (NOTE Standard system capacity is 1 to 2 gallons)
 4 After holding tank is full let system stand idle for a minimum of [(one minute) (60 seconds)] Turn off water Drain holding tank
 5 Before the system is put back into service flush system with potable water to assure sanitizing solution is rinsed thoroughly from system Return unit(s) to normal operation Follow the manufacturer's directions for re installation of new pre filters membrane element and post filter

SANITIZATION OF INTERIOR HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES OF ICE MACHINES WATER COOLERS WATER HOLDING TANKS AND PRESSURE TANKS

Ice Machines – Sanitizations must occur after initial installation after the machine is serviced and periodically during its use
 1 Shut off incoming water line to machine
 2 Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing
 3 Prepare a solution of 2.4 ounces of sanitizer per 7 gallons of water (or equivalent use dilution) (200 400 ppm active)

4 Circulate solution through machine making sure to wet all hard nonporous (inanimate) (environmental) surfaces and allow a minimum contact of [(60 seconds) (1 minute)]
 5 [(Drain thoroughly before reuse) (Thoroughly drain and then air dry) (Allow sanitized surfaces to adequately drain before contact with water)] (Allow [(Do not rinse (before contact with water)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with water so that little or no residue remains))
 7 Return machine to normal operation

Water Coolers Water Holding Tanks and Pressure Tanks – Sanitization must occur after initial installation after the system is serviced and periodically during its use

1 Shut off incoming water line
 2 (Units) (Tanks) must be washed with a compatible detergent and rinsed with potable water before sanitizing
 3 Prepare a solution of 2.4 ounces of sanitizer per 7 gallons of water (or equivalent use dilution) (200 400 ppm active)
 4 Apply or circulate (if possible) solution to wet all hard nonporous (inanimate) (environmental) surfaces [(and allow) (for)] a minimum contact of [(one minute) (60 seconds)]
 5 [(Drain thoroughly before reuse) (Thoroughly drain and then air dry) (Allow sanitized surfaces to adequately drain before contact with water)] (Allow [(Do not rinse (before contact with water)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with water so that little or no residue remains))
 7 Return to service by opening incoming water lines

DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND DAIRIES

Apply sanitizing solution containing [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200 400 ppm active) Apply solution to pre cleaned hard non porous (inanimate) (environmental) surfaces thoroughly wetting surfaces with a brush cloth mop sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger s device) or by immersion For spray applications spray 6-8 inches from surface with brush sponge or cloth Do not breathe spray [(Allow surface to remain wet) (Surfaces must remain wet)] for at least [(60 seconds) (one minute)] [(Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains)) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty]] For mechanical operation use solution must not be reused for sanitizing applications

FOOD PROCESSING EQUIPMENT AND UTENSILS

FOR FOOD PROCESSING EQUIPMENT AND UTENSILS IN FOOD PROCESSING FACILITIES Apply a solution of [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) in 3/ gallons of water (or equivalent use dilution) (200 400 ppm active) to pre cleaned hard non porous (inanimate) (environmental) surfaces thoroughly wetting surfaces with a brush cloth mop sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 to 8 inches from surface Rub with brush sponge or cloth Do not breathe spray From a Closed Loop Dilution Center apply 200 400 ppm active solution to the surface to be sanitized [(Allow surface to remain wet) (Surfaces must remain wet)] for at least [(60 seconds) (one minute)] [(Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty)] For mechanical application use solution must not be reused for sanitizing applications

DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND UTENSILS (AS REGULATED BY) (40CFR sec 180.940(c))

Apply sanitizing solution containing [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3.5 gallons of water (or equivalent use dilution) (200 400 ppm active) to hard nonporous (inanimate) (environmental) equipment and utensils with a brush cloth sponge auto scrubber mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 to 8 inches from surface Rub with brush sponge or cloth Do not breathe spray [(Allow surface to remain wet) (Surfaces must remain wet)] for at least [(60 seconds) (one minute)] [(Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains) Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty)] For mechanical application use solution must not be reused for sanitizing applications

DIRECTIONS FOR SANITIZING FOOD CONTACT SURFACES OF FOOD PROCESSING EQUIPMENT AND UTENSILS AS REGULATED BY 40CFR sec 180.940(c)

- 1 Sanitize articles using a solution of [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3.5 gallons of water (or equivalent use dilution) (200 to 400 ppm active) Articles that can be immersed in solution

must remain in solution for [(1 minute) (60 seconds)] Articles too large for immersing must be thoroughly wetted by rinsing spraying or swabbing for [(60 seconds) (1 minute)]

- 2 [(Remove immersed items and non immersed items from solution) (Drain thoroughly before reuse) (Remove immersed items from solution) (Thoroughly drain (immersed) (non immersed) (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)]
- 3 [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains))
- 4 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) dirty)] For mechanical application use solution must not be reused for sanitizing applications

BEVERAGE DISPENSING EQUIPMENT SANITIZER DIRECTIONS

For sanitizing of hard non porous (inanimate) (environmental) bottling or pre dispensing equipment after cleaning thoroughly rinse equipment with cold or lukewarm potable water Fill equipment with a solution of [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200 400 ppm active) Allow solution to remain in equipment for at least [(60 seconds) (1 minute)] or until operations resume at which time the sanitizing solution must be drained from the system To insure the removal of flavors during changeover between products the system must be cleaned rinsed and flushed with the sanitizing solution for at least [(60 seconds) (1 minute)] [(Drain thoroughly before reuse) (Thoroughly drain (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with liquid)] [(Do not rinse (before contact with liquid)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with liquid so that little or no residue remains)) For mechanical application use solution must not be reused for sanitizing applications

SANITARY FILLING EQUIPMENT SANITIZER DIRECTIONS

For use in sanitizing hard nonporous (inanimate) (environmental) bottles or cans in final rinse application The product is to be proportioned into the final rinse water in the container washer or rinser in the concentration of 200 - 400 ppm active Prepare a solution of [(1.2 ounces) ((a) (one)) (1) (2) ounce packet)] (of (this product) (Product Name)) per 3 1/2 gallons of water (or equivalent use dilution) (200 - 400 ppm active) for the exterior application for the filler and closing machine Allow surfaces to remain wet for at least [(60 seconds) (1 minute)] [(Drain thoroughly before reuse) (Thoroughly drain (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of ((this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains)) For mechanical application use solution must not be reused for sanitizing applications

STORAGE TANK SANITIZER DIRECTIONS

For sanitizing hard nonporous (inanimate) (environmental) beer fermentation and holding tanks wine citrus and food processing storage and holding tanks Prepare a solution of [(1 2 ounces) ((a) one) (1) (2 ounce packet)] (of (this product) (Product Name)) per 3½ gallons of water (or equivalent use dilution) (200 - 400 ppm active) for mechanical or automated systems Follow manufacturers directions for use for application equipment Allow surfaces to remain wet for at least [(60 seconds) (1 minute)] [(Drain thoroughly before reuse) (Thoroughly drain (all sanitized) articles and then air dry) (Allow sanitized surfaces to adequately drain before contact with food)] [(Do not rinse (before contact with food)) (NO POTABLE WATER RINSE IS ALLOWED) (A potable water rinse is not allowed) (Do not rinse)] (after use as a sanitizer) (after application of the sanitizing solution) (following the use of (this product) (Product Name)) as a sanitizer) (on previously cleaned hard non porous (inanimate) (environmental) surfaces) (provided that the surfaces are adequately drained before contact with food so that little or no residue remains)) For mechanical operations or automated systems the used sanitizing solution must not be reused for sanitizing but can be reused for other purposes such as cleaning

SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS

To sanitize previously cleaned food grade eggs in shell egg and egg product processing plants spray with a solution of [(1 2 ounces) ((a) one) (1) (2 ounce packet)] (of (this product) (Product Name)) per 3½ gallons of warm water (or equivalent use dilution) (200 400 ppm active) The solution must be warmer than the eggs but not to exceed 130°F Wet eggs thoroughly and allow solution to drain Eggs sanitized with [(this product) (Product Name)] must be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products Eggs must be reasonably dry before casing or breaking [(Do not reuse the solution for sanitizing eggs) (The solution must not be re used for sanitizing eggs)]

Note Only clean whole eggs can be sanitized Dirty cracked or punctured eggs cannot be sanitized

FOR TREATMENT OF MEAT AND POULTRY OR FRUIT AND VEGETABLE CONVEYORS To sanitize the [(conveyor) (belt) (equipment) (line)] apply ((this product) (Product Name)) at a 200 400 ppm active level (1 2 ounce(s) per 3/2 gallons) (or equivalent use dilution) to conveyors with suitable feeding equipment Do not allow this solution to be sprayed directly on food Controlled volumes of sanitizer are applied to return portion of conveyor through nozzles so located as to permit maximum drainage of sanitizer from equipment and to prevent puddles on top of belt During interruptions in operation apply solution using coarse spray equipment to peelers collators slicers and saws and other nonporous conveyor equipment Allow surfaces to remain wet for at least [(60 seconds) (1 minute)] Conveyor equipment must be free of product when applying this coarse spray

FOR SANITIZING IN FISHERIES MILK CITRUS WINE POTATO & ICE CREAM AND BEVERAGE PROCESSING PLANTS For use as a sanitizer on conveyor belts follow the **FOR TREATMENT OF MEAT AND POULTRY OR FRUIT AND VEGETABLE CONVEYORS** directions For directions to reduce or eliminate odors on the equipment in the processing area follow the [(FOR FOOD PROCESSING EQUIPMENT AND UTENSILS IN FOOD PROCESSING FACILITIES directions) (DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND UTENSILS (AS REGULATED BY) (40CFR sec 180 940(c)) (DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND UTENSILS (AS REGULATED BY) (40CFR sec 180 940(c)) (BEVERAGE DISPENSING EQUIPMENT SANITIZER DIRECTIONS) (SANITARY FILLING EQUIPMENT SANITIZER DIRECTIONS) (STORAGE TANK SANITIZER

DIRECTIONS)] Also for directions for reducing bacteria associated with condensation on equipment and pipes follow the [(BEVERAGE DISPENSING EQUIPMENT SANITIZER DIRECTIONS) (SANITARY FILLING EQUIPMENT SANITIZER DIRECTIONS)]

GLOVE DIP SANITIZER DIRECTIONS To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants dip pre washed (plastic latex or other synthetic rubber) non porous gloved hands into a suitable clean container that contains enough freshly made sanitizing solution to cover the gloved area Make up the sanitizing solution by adding 0 28 0 57 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (200 400 ppm active) Dip (Soak) in solution for (1 minute) (60 seconds) (NO POTABLE WATER RINSE IS ALLOWED) (DO NOT RINSE) Change the sanitizing solution in the bath at least daily or when solution appears visibly (diluted) (soiled) (dirty) **Do not let sanitizing solution come into contact with exposed skin**

GLOVE SPRAY SANITIZER DIRECTIONS **Gloves must be sanitized before wearing** To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants spray pre washed (plastic latex or other synthetic rubber) gloves with enough freshly made sanitizing solution to cover gloves **Do not let sanitizing solution come into contact with the exposed skin** Make up the sanitizing solution by adding 0 28 0 57 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (200 400 ppm active) Apply use solution prior to usage [(wearing) (using)] a coarse spray device completely covering all glove surfaces with use solution After applying solution allow gloves to remain wet for [(one minute) (60 seconds)] Let air dry thoroughly before wearing gloves **NO POTABLE WATER RINSE IS ALLOWED** Change the sanitizing solution at least daily or when solution appears visibly [(dirty) (soiled) (diluted)]

ANIMAL PREMISES

(Note to reviewer The following statement will be used with all of the use directions in this section except terrarium and small animal cage reptile tank and fogging directions)

(Note to reviewer Use of higher dilution rate is required for virucidal organisms)

Prior to use (of (this product) (Product name)) cover or remove all food and packaging material before disinfection and remove all animals and feeds from [(premises) (areas to be treated)] animal transportation vehicles (trucks cars) and enclosures (coops crates kennels stables) Remove all litter droppings and manure from floors walls and surfaces of barns pens stalls chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals Empty all troughs racks and feeding and watering appliances Thoroughly clean surfaces with soap or detergent and rinse with water

ANIMAL PREMISE VIRUCIDAL PERFORMANCE At a 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water use level (703 ppm active) (or equivalent use dilution) [(this product) (Product Name)] was evaluated (in the presence of 5% serum) and with a 10 minute contact time and found to be effective against the following viruses on hard non porous (inanimate) (environmental) surfaces

Avian Influenza A H5N1 virus
Avian influenza A H9N2/Turkey/Wisconsin virus
Avian Reovirus
Bovine Viral Diarrhea virus
Canine Distemper virus
Canine Coronavirus
Equine Arteritis Virus
Infectious Avian Laryngotracheitis virus

- Infectious Bovine Rhinotracheitis virus (IBR)
- Infectious Bronchitis Virus
- Newcastle disease virus
- Murine Norovirus (MNV 1) (Strain MNV 1 CW1)
- Porcine Respiratory & Reproductive Virus (PRRSV)
- Porcine Rotavirus
- Pseudorabies virus
- Transmissible Gastroenteritis virus (TGE)
- Vaccinia virus

At 1.25 ounces (of this product) (Product Name)) per (one) (1) gallon of water use level (or equivalent use dilution) [(this product) (Product Name)] is found to be effective against the following viruses on hard non porous (inanimate) (environmental) surfaces in the presence of 5% serum with a 10 minute contact time

- Canine Adenovirus
- Canine Parainfluenza Virus
- Feline Calicivirus
- Feline Infectious Peritonitis virus
- Feline leukemia virus
- Feline Panleukopenia virus
- Feline Picornavirus
- Feline Rhinotracheitis virus
- Infectious Canine Hepatitis Virus
- Murine Parainfluenza virus type 1
- Rabies virus

EFFECTIVENESS AGAINST CANINE PARVOVIRUS (CPV) MINUTE VIRUS OF MICE (PARVOVIRUS) AND PORCINE PARVOVIRUS At 4 ounces (of this product) (Product Name)) per (one) (1) per (one) (1) gallon of water use level (or equivalent use dilution) (in the presence of 5% serum) (and) with a 10 minute contact time [(this product) (Product Name)] is effective against the following viruses on hard non porous (inanimate) (environmental) surfaces

- Canine Parovirus (CPV)
- Minute virus of Mice (Parvovirus)
- Porcine Parvovirus

FOR CANINE PARVOVIRUS ACTIVITY Follow [(EFFECTIVENESS AGAINST CANINE PARVOVIRUS (CPV) MINUTE VIRUS OF MICE (PARVOVIRUS) AND PORCINE PARVOVIRUS) (VETERINARY CLINICS/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL CARE FACILITIES/ ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOO/PET SHOP/ KENNELS/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENTS/TACK SHOPS DISINFECTION DIRECTION)]

SITE PREPARATION The first step in any on going sanitation program must be the removal of gross contamination and debris. This can be accomplished using a shovel broom or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated thoroughly clean all surfaces with soap or detergent and rinse with water

GENERAL APPLICATION USE DIRECTIONS [(Saturate with) (Use) (Apply)] disinfecting or virucidal solution of 1 oz (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) to hard nonporous (inanimate) (environmental) surfaces so as to wet thoroughly. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersing or For spray applications spray 6 8 inches from surface. Do not breathe spray. Rub with brush cloth or sponge. Allow surfaces to

remain wet for a period of 10 minutes. Immerse all halters and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels and scrapers used for removing litter and manure in the use solution. Ventilate buildings coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed. Set or dried. Thoroughly scrub all treated feed racks troughs automatic feeders fountains and waterers and other treated equipment which can contact food or water with soap or detergent and rinse with potable water before reuse. Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

EFFECTIVENESS AGAINST CANINE PARVOVIRUS (CPV) MINUTE VIRUS OF MICE (PARVOVIRUS) AND PORCINE PARVOVIRUS Saturate surfaces with the disinfecting solution of 4 ounces per (one) (1) gallon of water (or equivalent use dilution) for a period of 10 minutes. Immerse all halters ropes and other types of equipment used in handling and restraining animals as well as forks shovels and scrapers used for removing litter and manure. After application ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed. Set or dried. All treated equipment that will contact feed or drinking water (rac troughs automatic feeders fountains and waterers) must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse. Change cloth sponge or towels frequently to avoid redeposition of soil (A fresh solution must be prepared) (Prepare a fresh solution) at least daily or when use solution becomes visibly (dirty) (soiled) (diluted)

VETERINARY CLINICS/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL CARE FACILITIES/ANIMAL RESEARCH CENTERS/ANIMAL LABORATORY/ANIMAL QUARANTINE AREAS/ANIMAL BREEDING FACILITIES/ZOO/PET SHOP/ANIMAL HUSBANDRY/KENNELS/BREEDING AND GROOMING ESTABLISHMENTS/TACK SHOPS DISINFECTION DIRECTIONS For cleaning and disinfecting (the following) hard non porous (inanimate) (environmental) surfaces ((in the following (premises) (areas to be treated)) (such as) equipment utensils instruments cages kennels stables stalls and catteries and other hard nonporous (inanimate) (environmental) surfaces)) [(saturate with) (use) (apply)] a use solution of [(1 oz.) (1.25 oz.) (4 oz.) (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) so as to wet thoroughly. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion. For spray applications spray 6 8 inches from surface. Do not breathe spray. Rub with brush cloth or sponge. Allow surfaces to remain wet for a period of 10 minutes. Immerse all halters and other types of hard non porous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels scrapers used in removing litter and manure in the use solution. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed. Set or dried. Thoroughly scrub all treated feed racks automatic feeders waterers and other treated equipment that dispenses food or water with soap or detergent and rinse with potable water before reuse. Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

RENDERING PLANT/DRESSING PLANT DISINFECTANT/FUNGICIDE/VRUCIDE DIRECTIONS (DRESSING PLANT AND RENDERING PLANT DISINFECTANT/ FUNGICIDE/VRUCIDE DIRECTIONS) [(Saturate with) (Use) (Apply)] disinfecting or virucidal solution of 1 oz (of this product) (Product Name)) per (one) (1) gallon of

water (or equivalent use dilution) (703 ppm active) to hard nonporous (inanimate) (environmental) surfaces (such as walls, floors, loading platforms, and other hard nonporous (inanimate) (environmental) surfaces) in poultry and animal dressing plants so as to wet thoroughly. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion. For spray applications spray 6.8 inches from surface. Do not breathe spray. Rub with brush cloth or sponge. Surfaces must remain wet for 10 minutes then thoroughly rinsed with potable water before operations are resumed. Change cloth sponge or towels frequently to avoid redeposition of soil. [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)].

TERRARIUM AND SMALL ANIMAL CAGE AND CAGE FURNITURE DISINFECTION

Animals frequently defecate on hot rocks and other hard nonporous (inanimate) (environmental) cage furniture items inside your terrarium. This can result in high bacteria and ammonia levels that can lead to possible infection/disease in your animals. When used regularly [(This product) (Product Name)] can eliminate these high bacteria/ammonia levels in your cage and on your cage furniture items. (Use on rocks not allowed in California.)

1. Remove all animals
2. Thoroughly clean all surfaces and objects (hot rocks, cages, furniture, feeding and watering dishes, and appliances) including the substrate in the terrarium or cage with soap or detergent and rinse with water
3. Saturate all hard nonporous (inanimate) (environmental) surfaces (such as floors, walls, cages, and other washable hard nonporous (environmental) (inanimate) surfaces) with the disinfecting and virucidal solution of [(1 oz) (1.25 oz) (4 oz)] (of (this product) (Product Name)) per (one) (1) gallon of water so as to wet thoroughly
4. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion. For spray applications spray 6.8 inches from surface. Do not breathe spray. Rub with brush cloth or sponge. For smaller surfaces use a trigger spray bottle to spray all surfaces with solution
5. Allow surfaces to remain wet for a period of 10 minutes
6. Saturate gravel as above and let stand for 10 minutes. Place in bucket of clean water and swirl for 15-30 seconds. Thoroughly air dry before returning to terrarium
7. Thoroughly scrub all treated surfaces (except gravel) with soap or detergent and rinse with potable water before reuse
8. Do not return animals to the habitat until it is dry and ventilated
9. Clean terrarium at least once weekly or more as needed. Change cloth sponge or towels frequently to avoid redeposition of soil
10. [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

Note Substrates for desert terrariums (i.e. gravel) must be completely dry before returning to terrarium to avoid high humidity levels. Always replace substrate if a foul odor persists. Do not apply [(This product) (Product Name)] directly onto the small animal if [(This product) (Product Name)] comes into contact with the small animal's skin then immediately wash the material off of the animal with lukewarm water. If the small animal ingests [(this product) (Product Name)] contact your veterinarian immediately.

REPTILE TANK CLEANING AND DISINFECTION DIRECTIONS Remove all reptiles from the [(enclosure) (tank)] prior to cleaning and disinfecting. Remove all litter or droppings from surfaces. Empty all equipment used for feeding or watering reptiles.

Thoroughly clean all surfaces with soap or detergent and rinse with water [(Saturate with) (Use) (Apply)] disinfecting and virucidal solution of 1 oz (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent dilution) to hard nonporous (inanimate) (environmental) surfaces (of the enclosure) (tank). Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion until thoroughly wet. For spray applications spray 6.8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Wipe dry (with a paper towel). Rinse all surfaces that come in contact with food with potable water before reuse. Allow the (enclosure) (tank) to ventilate for a minimum of 10-15 minutes before replacing the reptiles. Change cloth sponge or towels frequently to avoid redeposition of soil. [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)].

Note Do not apply (this product) (Product Name) directly onto the reptile. If [(This product) (Product Name)] comes into contact with the reptile's skin then immediately wash the material off of the animal with lukewarm water. If the reptile ingests [(this product) (Product Name)] contact your veterinarian immediately.

FARM PREMISE DISINFECTION DIRECTIONS

FARM PREMISE USE (Equine, Poultry/Turkey, Dairy and Hog Farms) Do not use in milking stalls, milking parlors or milk houses [(Saturate with) (Use) (Apply)] [(1 oz) (1.25 oz) (4 oz)] (of (this product) (Product Name)) per (one) (1) gallon of water to hard nonporous (inanimate) (environmental) surfaces. Allow (hard nonporous (inanimate) (environmental)) surfaces to remain wet for a period of 10 minutes. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion. For spray applications spray 6.8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used in removing litter and manure. Ventilate buildings, cars, trucks, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers and other treated equipment with soap or detergent and rinse with potable water before reuse. Change cloth sponge or towels frequently to avoid redeposition of soil. [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)].

FOR USE IN EQUINE DAIRY AND HOG FARMS

1. [(Saturate with) (Use) (Apply)] a [(1 oz) (1.25 oz) (4 oz)] (of (this product) (Product Name)) per (one) (1) gallon of water use solution to all hard nonporous (inanimate) (environmental) surfaces
2. Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion. For spray applications spray 6.8 inches from surface. Do not breathe spray
3. Immerse all halters and other types of equipment used in handling and restraining animals as well as forks, shovels, scrapers used in removing litter and manure
4. Allow all surfaces to remain wet for a period of 10 minutes
5. Ventilate buildings, cars, trucks, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set and dried
6. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers and other treated equipment with soap or detergent and rinse with potable water before reuse
7. Change cloth sponge or towels frequently to avoid redeposition of soil

8 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

VEAL CALVING HOG CATTLE AND HORSE OPERATIONS Between depopulations of facilities cleaning and disinfection of pens hutches aisles and other environmental surfaces can be required Flush soils from these areas [(Saturate with) (Use) (Apply)] the disinfecting and virucidal solution of [(1 oz) (1 25 oz) (4 oz)] (of this product) (Product Name)) per (one) (1) gallon of water to hard nonporous (inanimate) (environmental) surfaces and allow to remain wet for a period of 10 minutes Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from ropes and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels and scrapers used in removing litter and manure Ventilate buildings cars trucks boats and other closed spaces Do not house livestock or employ equipment until treatment has been absorbed set or dried Thoroughly scrub all treated feed racks mangers troughs automatic feeders fountains and waterers and other treated equipment with soap or detergent and rinse with potable water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE IN THE TREATMENT OF ANIMAL HOUSING FACILITIES

- 1 (Apply) (Use) (Saturate with)) [(1 oz) (1 25 oz) (4 oz)] (of this product) (Product Name)) per (one) (1) gallon of water to hard nonporous (inanimate) (environmental) surfaces (such as floors walls cages and other washable hard non porous (inanimate) (environmental) surfaces)
- 2 Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray For smaller surfaces use a coarse trigger spray bottle to spray all surfaces with solution until wet
- 3 Immerse all halters and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels scrapers used in removing litter and manure
- 4 All treated surfaces must remain wet for ten (10) minutes
- 5 Ventilate buildings cars trucks boats and other closed spaces Do not house [(animals) (livestock)] or employ equipment until [(treatment has been absorbed set and dried) (product has dried)]
- 6 Thoroughly scrub all treated feed racks mangers troughs automatic feeders fountains waterers and other treated equipment with soap or detergent and rinse with potable water before reuse
- 7 Change cloth sponge or towels frequently to avoid redeposition of soil
- 8 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

POULTRY (AND SWINE) PREMISE SANITATION SITE PREPARATION

Site Preparation The first step in any ongoing sanitation program must be the removal of gross contamination and debris This can be accomplished using a shovel broom or vacuum depending on the area to be disinfected The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter Once the heavy debris is eliminated through y clean all surfaces with soap or detergent and rinse with water

DISINFECTION/FUNGICIDE/IRUCIDE OF POULTRY/TURKEY EQUIPMENT SWINE QUARTERS LIVESTOCK FARMS EQUINE QUARTERS ANIMAL QUARTERS AND KENNELS DIRECTIONS [(Use) (Saturate with) (Apply)] [(1 oz) (1 25 oz) (4 oz)] (of this product) (Product Name)) per (one) (1) gallon of water to hard nonporous (inanimate) (environmental) surfaces Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Allow surfaces to remain wet for 10 minutes Immerse all halters and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels and scrapers used for removing litter and manure After application 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 Thoroughly scrub (all treated equipment [OR] feed racks mangers troughs automatic feeders fountains and waterers and other treated equipment) which may contact food and water with soap or detergent and rinse with potable water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE IN LIVESTOCK POULTRY AND TURKEY HOUSES

- 1 [(Saturate with) (Use) (Apply)] [(1 oz) (1 25 oz) (4 oz)] (of this product) (Product Name)) per (one) (1) gallon of water to hard nonporous (inanimate) (environmental) surfaces and allow surface to remain wet for a period of 10 minutes
- 2 Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray
- 3 Immerse all halters ropes and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels and scrapers used in removing litter and manure
- 4 Thoroughly scrub all treated feed racks mangers troughs automatic feeders fountains waterers and other treated equipment with soap or detergent and rinse with potable water before reuse
- 5 Ventilate buildings cars trucks boats and other closed spaces Do not house livestock or employ equipment until treatment has been absorbed set and dried
- 6 Change cloth sponge or towels frequently to avoid redeposition of soil
- 7 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

HATCHERIES Use 1 oz (of this product) (Product Name)) per (one) (1) gallon of water use solution (or equivalent dilution) Apply to hard non porous (inanimate) (environmental) surfaces such as hatchers setters trays racks egg flats walls floors ceilings chickboxes egg cases trash containers carts sexing tables delivery trucks vans and other hard non porous (inanimate) (environmental) surfaces Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Leave all treated surfaces (exposed to solution) (wet) for 10 minutes or more Rinse treated surfaces with potable water before reuse Allow surface to air dry Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

VEHICLES Clean all vehicle hard nonporous (inanimate) (environmental) surfaces including mats crates cabs and wheels with high pressure water and [(this product) (Product Name) Use [(1 oz) (1 25 oz) (4 oz)] (of this product) (Product Name)) per

(one) (1) gallon of water (or equivalent dilution) Apply by cloth mop brush sponge auto scrubber or mechanical spray device (hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Leave all treated surfaces exposed to solution wet for 10 minutes or more and allow to air dry Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DISINFECTANT/IRUCIDAL DIRECTIONS FOR CHICK VANS EGG TRUCKS HATCHERY and FARM VEHICLES Clean all vehicle surfaces including mats crates cabs and wheels and other hard nonporous (inanimate) (environmental) surfaces with high pressure water and [(this product) (Product Name)] [(Saturate with) (Use) (Apply)] [(1 oz) (1.25 oz) (4 oz)] of (this product) (Product Name)) per (one) (1) gallon of water to treat the vehicle's hard nonporous (inanimate) (environmental)) surfaces Leave all treated surfaces [(exposed to disinfectant solution) (wet)] for 10 minutes or more Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DISINFECTANT/IRUCIDAL DIRECTIONS TO TREAT HARD NON POROUS NON FOOD CONTACT SURFACES OF AUTOMATED TRAY RACK AND BUGGY WASHERS Mix a solution containing [(1 oz) (1.25 oz) (4 oz)] of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent dilution) Treat all hard non porous non food contact (inanimate) (environmental) surfaces of automated trays racks and buggy washers with solution for 10 minutes Apply by cloth mop brush sponge auto scrubber or mechanical spray device (hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Thoroughly clean all surfaces with soap or detergent and rinse with water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DISINFECTANT/IRUCIDAL DIRECTIONS TO TREAT HARD NON POROUS NON FOOD CONTACT SURFACES IN EGG RECEIVING AND EGG HOLDING AREAS Mix a solution containing 1 oz of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent dilution) [(Saturate with) (Use) (Apply)] the solution to hard nonporous (inanimate) (environmental) surfaces and allow to remain wet for a period of 10 minutes Apply by sponge cloth mop brush auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For sprayer applications spray 6 8 inches from surface Do not breathe spray Thoroughly clean all surfaces with soap or detergent and rinse with water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

MEAT PACKING PLANTS [(Use) (Apply)] [(This product) (Product Name)] to disinfect hard non porous (inanimate, (environmental) surfaces associated with the following sites livestock vehicles and holding pens receiving areas and delivery chutes slaughter areas and conveyors hand rub and guide rails post knock cabinets stands and flooring surfaces chains and moving processing lines surfaces of equipment for hide operations consisting of brine curing hide transfer bin surfaces chutes conveyors tallow and animal feed production surfaces processed products and offal equipment

surfaces fabrication and processing areas covering cold storage areas all stainless steel cut out and prep tables counter tops conveyors chains tables floors walls and all stainless surfaces Use 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water solution (703 ppm active) (or equivalent use dilution) Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Rub with brush cloth or sponge Surfaces must remain wet for 10 minutes then thoroughly rinsed with potable water before operations are resumed All treated equipment that will contact animal feed or food surfaces must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

HIDE/LEATHER PROCESSING PLANTS To use as a disinfectant/fungicide on hard non porous (inanimate) (environmental) surfaces add 1 ounce (of (this product) (Product Name)) to (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) The product can be used on hide storage bins holding tanks chill tanks serpentine tanks and chains machine and tannery equipment surfaces conveyors trolleys hide press grading and storage areas and scales etc Apply use solution v a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion thoroughly wetting surfaces For spray applications spray 6 8 inches from surface Do not breathe spray Treated surfaces must remain wet for 10 minutes [(Wipe up excess liquid) (with a paper towel)] (allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A (H5N1) (H9N2) VIRUS [(Saturate with) (Use) (Apply)] the disinfecting solution of 1 oz of (this product) (Product Name)) per gallon of water (703 ppm active) (equivalent use dilution) to all hard nonporous (inanimate) (environmental) surfaces and allow to remain wet for a period of 10 minutes Apply by cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or by immersion For spray applications spray 6 8 inches from surface Do not breathe spray Immerse all halters and other types of hard nonporous (inanimate) (environmental) equipment used in handling and restraining animals as well as forks shovels and scrapers used in removing litter and manure Ventilate buildings coops and other closed spaces Do not house poultry or employ equipment until treatment has absorbed set or dried Thoroughly scrub treated feed racks troughs automatic feeders fountains and waterers and other treated equipment with soap or detergent and rinse with potable water before reuse Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SANITIZER DIRECTIONS FOR NON FOOD CONTACT SURFACES in ANIMAL PREMISES

TO SANITIZE HOOF TRIMMING EQUIPMENT Prior to application preclean hoof trimming equipment before and after use on each animal with detergent and warm water or compatible cleaner to remove soil using a pre scrape pre flush or when necessary pre soak followed by a potable water rinse To sanitize prepare a 1 oz of (this product) (Product Name)) per (one) (1) gallon of water use solution (703 ppm active) (or equivalent use dilution) Apply to pre cleaned hard nonporous (inanimate) (environmental) surfaces using a brush cloth mop sponge auto scrubber or

mechanical spray device (hand pump) coarse pump or trigger spray device) or by immersion to thoroughly wet surfaces. For spray applications spray 6-8 inches from surface. Rub with brush cloth or sponge. Allow surfaces to remain wet for at least 3 minutes followed by [adequate draining] (air drying). Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SANITIZING HATCHERY ROOMS USING FOGGING DEVICES Remove all animals and feed from [(premises) (areas to be treated)] vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix 155 ounces (of this product) (Product Name) to 2.5 gallons water (or equivalent use dilution). Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Insert the nozzle of the fogger through a suitable opening into the room. With the setting in maximum output fog for one minute for each 4000 cubic feet of space in the room. Vacate the room of all personnel during and after fogging for a minimum of 2 hours of fogging and of 4 air exchanges (ACH) per hour in the facility. When fogging is completed ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly clean all treated surfaces with soap or detergent and rinse with water.

SANITIZING INCUBATORS AND HATCHERS USING FOGGING DEVICES

Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain chicks/eggs. Mix 16 ounces (of this product) (Product Name) to 128 ounces of water (or equivalent use dilution). Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Fog 3.8 ounces of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatchery treatments at least 24 hours prior to pulling the hatchers. Do not allow people to contact or breathe this fog. It is acceptable to fog setters and hatchers with a 1.25 ounce (of this product) (Product Name) per (one) (1) gallon of water solution (or equivalent use dilution) on an hourly or every other hour basis. If this is done fog for 30-90 seconds once per hour or once every two hours. When fogging is complete ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers and other treated equipment with soap or detergent and rinse with potable water before reuse.

(Note to Reviewer: The following statements must be used with either of the previous two (2) fogging directions for use)

Note The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA goggles, long sleeves and long pants.

FOGGING IS TO BE USED AS AN ALTERNATIVE TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES

BARBER/SALON

DISINFECTION/FUNGICIDE/MIRUCIDE FOR BARBER/SALON TOOLS
DIRECTIONS Immerse pre-cleaned hard nonporous (inanimate) (environmental) barber/salon tools such as combs, brushes, plastic rollers, razors, clipper and trimmer

blades, tweezers, manicure/pedicure tools and scissors in a 1 ounce (of this product) (Product Name) per (one) (1) gallon use solution (or equivalent use dilution) (703 ppm active). Completely immerse instruments and tools for at least 10 minutes. Rinse thoroughly and dry before use [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE TO CLEAN AND DISINFECT BARBER AND BEAUTY/MANICURE INSTRUMENTS AND TOOLS

1. Pre-clean heavily soiled items
2. Completely immerse pre-cleaned combs, scissors, plastic rollers, clipper blades, razors, manicure implements and other hard nonporous (inanimate) (environmental) instruments in the use solution of 1 ounce (of this product) (Product Name) per (one) (1) gallon (or equivalent use dilution) (703 ppm active) so that surfaces remain wet for ten (10) minutes
3. Rinse surfaces thoroughly and let air dry before reuse
4. [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

DISINFECTING/MIRUCIDE GROOMING CLIPPERS Remove hair dandruff and dust particles prior to disinfecting the blades. Turn the clipper off occasionally during use and spray between the teeth of blades a use solution of 1 ounce (of this product) (Product Name) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active). Allow hard nonporous (inanimate) (environmental) surface to remain wet for at least 10 minutes. Rinse surfaces thoroughly. Then wipe dry with a clean soft cloth [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

CLEANING HAIR CLIPPERS AND ELECTRIC SHEARS While clipper/shear is running hold in the downward position and spray a 1 ounce (of this product) (Product Name) per (one) (1) gallon of water use solution (or equivalent use dilution) (703 ppm active) directly onto the blades two or three times to thoroughly wet the blades. Do not spray on the clipper case or drip into clipper housing. Turn off clipper/shear. Allow hard nonporous (inanimate) (environmental) surface to remain wet for at least 10 minutes. Rinse surfaces thoroughly. Then wipe dry with a clean soft cloth. Lubricate as per clipper/shear manufacturer's instructions [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

CLEANING BARBER/SALON SHEARS AND OTHER IMPLEMENTS Shear/Implement until thoroughly wet. Wipe away visible debris using a soft bristle brush or cloth. Turn off clipper/shear. Immerse pre-cleaned shear/Implement into a container of 1 ounce (of this product) (Product Name) per (one) (1) gallon of water use solution (or equivalent use dilution) (703 ppm active) for at least 10 minutes. Rinse surfaces thoroughly. Remove shear/Implement and wipe dry [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

(Note to Reviewer: The following statement will be used with all above Barber/Salon Directions for Use)

Note Plastic instruments can remain immersed until ready to use. Stainless steel shears and other metal instruments must be removed after 10 minutes rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking will cause damage to metal instruments.

DISINFECTION/FUNGICIDE/IRUCIDE OF HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES IN FOOTBATHS To remove body oils dead tissue soil and all other buildups or organic matter on (hard nonporous (inanimate) (environmental)) footbath surfaces after using the unit drain the water and thoroughly clean all (hard non porous (inanimate) (environmental)) surfaces with soap or detergent then rinse with water [(Saturate with) (Use) (Apply)] a use solution of 1 ounce (of this product) (Product Name) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) to hard nonporous (inanimate) (environmental) surfaces with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) Brush or swab thoroughly and allow solution to stand for 10 minutes For spray applications spray 6 8 inches from surface Do not breathe spray After the unit has been thoroughly disinfected rinse all [(cleaned) (treated)] surfaces with fresh water Do not use equipment until treatment has been absorbed set or dried Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SANITIZER DIRECTIONS FOR NON FOOD CONTACT SURFACES
in BARBER/SALON FACILITIES

SALON/BARBER INSTRUMENTS AND TOOLS SANITIZER DIRECTIONS (Not applicable in California) Pre clean soiled instruments and tools Completely immerse water safe hard nonporous (inanimate) (environmental) instruments and tools in a use solution of 1 ounce (of this product) (Product Name) per (one) (1) gallon (703 ppm active) (or equivalent use dilution) of water for at least [(one minute) (60 seconds)] Rinse thoroughly and dry before use [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when (immersion (tank) (bowl) (sink)) use solution becomes visibly [(diluted) (soiled) (dirty)]

RESTROOM/BATHROOM
NON ACID TOILET BOWL (& URINAL) (& BATHROOM)
DISINFECTANT/CLEANER DIRECTIONS

CONCENTRATE INSTRUCTIONS Remove gross filth prior to disinfection Add 1 ounce (of this FROM CONCENTRATE) directly into the toilet bowl and mix Brush thoroughly over product) (Product Name) directly into the rim with a brush cloth mop or sponge auto scrubber exposed surfaces and under the rim with a brush cloth mop or trigger spray device Repeat or mechanical spray device ((hand pump) coarse pump or trigger spray device) sponge or towels and allow solution to stand for 10 minutes and flush Change cloth sponge or towels frequently to avoid redeposition of soil

- (Or use alternate Concentrate Use directions)
- FOR USE AS A NON ACID BOWL CLEANER/DISINFECTANT IN TOILET BOWLS FROM CONCENTRATE**
- 1 Pre clean heavily soiled area
 - 2 Add 1 ounce (of this product) (Product Name) directly into toilet bowl for a 1 128 dilution
 - 3 Swab entire surface area especially under the rim
 - 4 Repeat and allow entire surface to remain wet for ten (10) minutes
 - 5 Flush toilet and rinse swab applicator thoroughly (Use directions)
- (Or use alternate Concentrate Use directions)

TO CLEAN AND DISINFECT TOILET BOWLS A preliminary cleaning step is required for the removal of heavy soil prior to disinfection Fill toilet bowl with clean water Saturate mop with 1 ounce (of this product) (Product Name) while holding bottle and mop applicator over bowl Swab bowl completely making sure to get under the rim Let solution stand for 10 minutes then flush Rinse applicator completely

(Or use alternate Concentrate Use directions)

TO DISINFECT TOILET BOWLS A preliminary cleaning step is required for the removal of heavy soil prior to disinfection Fill toilet bowl with clean water (Squeeze) 1 ounce of [(bowl cleaner) (This product) (Product Name)] onto bowl brush Clean the entire unit especially under the rim at water outlets Allow surface to remain wet 10 minutes Flush bowl and rinse out brush with clean water

(Or use alternate Concentrate Use directions)

TO DISINFECT TOILET BOWLS Flush to remove heavy soil To clean simply squirt 1 ounce (of this product) (Product Name) 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 squirt 1 ounce (of this product) (Product Name) under the rim and around the sides Scrub bowl with mop Allow solution to remain in the bowl for 10 minutes after scrubbing Flush and rinse

(Or use alternate Concentrate Use directions)

TO DISINFECT TOILET BOWLS

- 1 Remove gross filth and heavy soil deposits
- 2 Fill toilet bowl with clean water
- 3 Apply 1 ounce (of this product) (Product Name) to swab applicator brush cloth mop sponge auto scrubber or trigger spray device) For spray applications spray ((hand pump) coarse pump or trigger spray device) Do not breathe spray

- 4 6 8 inches from surface Do not breathe spray
- 5 Swab entire surface area especially under the rim
- 6 Allow entire surface to remain wet for ten (10) minutes

Change cloth sponge or towels frequently to avoid redeposition of soil

FOR HEAVY DUTY CLEANING Preclean heavily soiled areas Empty toilet bowl or urinal and apply 2 ounces (of this product) (Product Name) per (one) (1) gallon of water use solution to exposed surfaces including under the rim with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) Allow solution to soak to aid in soil removal For sprayer application spray 6 8 inches from surface Brush or swab thoroughly and allow solution to stand for 10 minutes and flush Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)])

USE SOLUTION OF USE SOLUTION Mix 1 ounce (of this product) (Product Name) with (one) (1) gallon of water (OR) Mix [(one) (1) (a)] 1 oz packet with (one) (1) gallon of water (or equivalent use dilution) (703 ppm active)

FROM USE SOLUTION Preclean surface Empty water out of toilet bowl or urinal and apply 1/2 to 1 ounce use solution to exposed surfaces including under the rim with a brush cloth mop sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For spray applications spray 6 8 inches from surface Do not breathe spray Allow solution to stand for 10 minutes and flush Swab all areas after spraying Refill toilet bowl or urinal with water Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE AS A NON ACID BOWL CLEANER/DISINFECTANT IN TOILET BOWLS (AND URINALS) FROM USE DILUTION

- 1 Preclean heavily soiled areas
- 2 Empty toilet bowls by forcing water through the trap
- 3 Apply 1/2 to 1 oz of use solution to exposed surfaces in toilet bowls and urinals
- 4 Swab entire surface area especially under the rim
- 5 Allow entire surface to remain wet for ten (10) minutes
- 6 Flush toilet and rinse swab applicator thoroughly
- 7 Refill toilet bowl or urinal with water
- 8 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TOILET BOWLS/URINALS Swab bowl with brush to remove heavy soil prior to cleaning or disinfecting Clean by applying use solution around the bowl and up under the rim Stubborn stains may require brushing To disinfect first preclean to remove heavy soil then remove or expel the residual bowl water over the inner trap Pour in 1/2 to 1 oz of the use solution to thoroughly cover surfaces Swab the bowl completely using a scrub brush or mop making sure to get under rim Let stand for 10 minutes or overnight then flush Refill toilet bowl or urinal with water [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TOILET BOWL (AND URINAL) DISINFECTION/CLEANER DIRECTIONS Remove gross filth prior to disinfection Empty toilet bowl or urinal of water and apply 1/2 to 1 ounce of use solution directly to exposed surfaces including under the rim Brush or swab thoroughly with a brush cloth mop sponge auto scrubber or mechanical spray device (hand pump) coarse pump or trigger spray device) and allow solution to stand for 10 minutes and flush For spray applications spray 6 8 inches from surface Allow toilet bowl to fill with water [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TO CLEAN AND DISINFECT URINALS Flush to remove heavy soil Remove screens and strainers Empty urinal of water Then squirt 1/2 to 1 ounce of use solution around the edges and top Allow solution 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 Refill toilet bowl or urinal with water [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

- TO DISINFECT URINAL**
- 1 Remove gross filth and heavy soil deposits
 - 2 Empty urinal of water
 - 3 Apply 1/2 to 1 ounce of use solution directly to urinal surfaces including water outlets area for general cleaning
 - 4 Then pour additional solution on applicator
 - 5 Clean entire unit especially under rim at water outlets with applicator
 - 6 Remove screen trap to deodorize drain and apply 1 ounce directly on edge and into drain
 - 7 Wait 10 minutes flush and rinse applicator
 - 8 Refill urinal with water
 - 9 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DISINFECTION AND CLEANING TOILET BOWLS AND URINALS

- 1 Preliminary cleaning is required for heavily soiled surfaces
- 2 With a swab mop applicator remove water from bowl by forcing out trap
- 3 Press swab mop against side of bowl to remove excess water from applicator
- 4 Apply 1/2 to 1 oz of use solution evenly onto surface to be cleaned and disinfected
- 5 Swab entire surface area especially under the rim where outlets are located
- 6 Allow surface to remain wet on surfaces at least 10 minutes
- 7 Flush toilet and rinse applicator thoroughly
- 8 Refill bowl with water
- 9 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DEEP CLEANING/DISINFECTING WATERFREE (WATERLESS) URINALS
 Preliminary cleaning is required for heavily soiled surfaces Remove and properly dispose of cartridge according to manufacturer's directions Deep clean or disinfect the entire urinal by applying 1/2 to 1 ounce of use solution directly onto surface [(Brush) (scrub)] surfaces and let solution stand for 10 minutes Dry surface with a soft cloth Do not pour excess or soiled water down waterless urinal trap [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

GENERAL CLEANING TOILET BOWL [(Apply) (Open cap) (Squeeze gently directing)] 1/2 to 1 oz 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

TO CLEAN WATERFREE (WATERLESS) URINALS Remove any debris from the bowl Spray 1/2 1 oz of use solution onto urinal surface DO NOT spray product directly onto cartridge Wipe surface to clean Change cartridge as needed

FOR HEAVY DUTY CLEANING Preclean heavily soiled areas Empty toilet bowl or urinal of water and apply 2-4 ounces of use solution to exposed surfaces including under the rim with a brush cloth mop sponge auto scrubber or mechanical spray device (hand pump) coarse pump or trigger spray device) For spray applications spray 6 8 inches from surface Allow solution to soak to aid in soil removal Brush or swab thoroughly and allow solution to stand for 10 minutes and flush Refill toilet bowl or urinal with water Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

OTHER INSTRUCTIONS

TO DISINFECT TUBS SHOWER STALLS SINKS FAUCETS Swab area and remove gross filth and heavy soil Apply a solution of 1 ounce (of this product) (Product Name) per (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) directly onto surface to be cleaned or apply with brush cloth sponge auto scrubber or mechanical spray device (hand pump) coarse pump or trigger spray device) to wet all surfaces thoroughly Wipe surfaces Allow surface to remain wet for at least 10 minutes For spray applications spray 6 8 inches from surface Do not allow solution to dry on surface Rinse thoroughly with water Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR USE TO CLEAN AND DISINFECT SHOWER ROOMS LOCKER ROOMS AND OTHER LARGE OPEN AREAS WITH FLOOR DRAINS

- 1 Preclean heavily soiled areas

- 2 Apply use solution of 1 ounce (of this product (Product Name)) per (one) (1) gallon of water (703 ppm quat active) (or equivalent use dilution) to floors walls and ceilings making sure not to over spray To disinfect all hard nonporous (inanimate) (environmental) surfaces must remain wet for ten (10) minutes
Special instructions for foam guns Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose (**Note** See foam gun instructions for more information Make sure setting is set for a 128 dilution) Once in place squeeze the handle to disperse foam solution To disinfect all surfaces must remain wet for ten (10) minutes (Foam guns not for use in California)
 3 Scrub using a deck brush or other coarse material as necessary
 4 Rinse surfaces thoroughly and let air dry
 5 [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FUNGICIDAL/MOLD & MILDEW

FUNGICIDAL PERFORMANCE
Trichophyton mentagrophytes
Aspergillus niger

FUNGICIDAL ACTIVITY At 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water use level (or equivalent use dilution) (703 ppm active) [(This product) (Product Name)] is effective against *Trichophyton mentagrophytes* (athlete's foot fungus) (a cause of Ringworm) (a cause of Ringworm of the foot) and *Aspergillus niger* on hard nonporous (inanimate) (environmental) surfaces in locker rooms dressing rooms shower and bath areas and exercise facilities Apply by cloth sponge mop brush auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For spray applications spray 6 8 inches from surface Do not breathe spray Saturate surfaces with use solution Treated surfaces must remain wet for a period of 10 minutes Allow solution to dry on surface and repeat treatment every seven days or when new growth appears Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

MOLD AND MILDEW CONTROL To control the growth of mold and mildew and their odors on hard non porous (inanimate) (environmental) surfaces apply use solution of 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) Apply by cloth sponge mop brush auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) to thoroughly wet all treated surfaces completely Allow surface to remain wet for ten (10) minutes Allow solution to dry on surface and repeat treatment every seven days or when new growth appears Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR DISINFECTION AND TO CONTROL THE GROWTH OF MOLD AND MILDEW ON NON POROUS ATHLETIC EQUIPMENT For use on wrestling and gymnastic mats athletic mats exercise equipment athletic training tables physical therapy tables athletic helmets wrestling/boxing headgear athletic shoe soles and other hard nonporous (inanimate) (environmental) surfaces Saturate (nonporous (inanimate) (environmental)) surfaces with a use solution of 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent dilution) Apply by cloth sponge mop brush auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For spray applications spray 6 8 inches from surface Do not breathe spray Allow surfaces to remain wet for a period of 10 minutes Ventilate buildings and other closed spaces Do not use equipment until treatment has

been absorbed set or dried Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

TO CONTROL THE GROWTH OF MOLD AND MILDEW ON LARGE INFLATABLE NON POROUS PLASTIC AND RUBBER STRUCTURES For use on nonporous (inanimate) (environmental) surfaces such as animals promotional items moonwalks slides obstacle course play and exercise equipment Thoroughly clean all surfaces with soap or detergent and rinse with water Saturate (nonporous (inanimate) (environmental)) surfaces with a use solution of 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent dilution) Apply by cloth sponge mop brush auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For spray applications spray 6 8 inches from surface Do not breathe spray Allow surfaces to remain wet for a period of 10 minutes Ventilate buildings and other closed spaces Do not use equipment until treatment has been absorbed set or dried Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

HUMIDIFIER BACTERIA/ALGAE TREATMENT (Not for use in CA) Formulated for (in portable (evaporative) humidifiers Thoroughly clean the hard non porous (inanimate) (environmental) surfaces of the water tank and filters before each heating season or sooner if necessary For every gallon of water in the humidifier tank add 1 ounce (of this product) (Product Name)) (or equivalent use dilution) When you refill the tank add 1/4 ounce (of this product) (Product Name)) for every 2 gallons of water added in the tank (or equivalent use dilution) [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)]

Not for use in heat vaporizing or atomizing type vaporizer humidifiers

DEODORIZATION/CLEANING

(Note to reviewer Use as a deodorizer is not allowed in CA All marketing statements making deodorizing claims are not allowed in CA)

(Note to Reviewer All deodorizing claims can only be used with formulas containing fragrances)
CLEANING/DEODORIZING DIRECTIONS Add / to 2 ounces (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent dilution) to clean and deodorize windows mirrors and other surfaces Apply solution with a brush mop cloth sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) so as to wet all surfaces thoroughly For sprayer applications spray 6 8 inches from surface Rub with sponge or cloth [(Rinse) (wipe up excess liquid (with a paper towel)) (Allow to air dry)] Do not breathe spray Change cloth sponge towels frequently to avoid redeposition of soil

GENERAL DEODORIZATION To deodorize add 1 ounce (of this product) (Product Name)) to (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) [(Rinse) (Excess liquid material must be wiped up) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)]

FOR USE AS A (GENERAL) CLEANER AND/OR DEODORIZER Apply use solution to surfaces [(Rinse) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] For heavy duty use add 1 ounce per gallon of water to clean hard non porous (inanimate) (environmental) surfaces

FOR DEODORIZING GARBAGE CANS GARBAGE TRUCKS INDUSTRIAL WASTE RECEPTACLES AND GARBAGE HANDLING EQUIPMENT It is especially important to preclean for the product to perform properly Then apply a wetting concentration of

3.5 ounces (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (2.460 ppm active)

FOR DEODORIZING SEPTIC STORAGE TANKS When tanks are empty pour 1 oz (of this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) into septic storage tank on recreational vehicles campers and boats to control odors. As tank fills with sewage and the vehicle is moving this solution will mix and provide an adequate deodorizing solution for this use. [(This product) (Product Name)] is to be used on gray and black water tanks only. Check with local state or federal authorities before disposing of sewage in accordance to federal state and local regulations for waste disposal.

RV HOLDING TANKS/RECREATIONAL VEHICLES For toilet waste and holding tanks cover bottom of holding tank with water and add 2 - 8 ounces (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) to deodorize. If odors return before time to empty add 2 - 4 ounces (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) to the tank. For kitchen waste add 2 to 4 ounces (of this product) (Product Name)) per gallon of water (or equivalent use dilution) to gray water tank as needed to control malodors created by dirty dishwater.

AUTOMOTIVE USES A solution of 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) will effectively neutralize damp musty odors. Spray or apply onto seats, carpets, headliner and ashtray or into trunk and all vents to eliminate odors from tobacco, beverage spills and musty carpet. For sprayer applications use a coarse spray device [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)].

AIR FRESHENER A solution of 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) will effectively neutralize damp musty odors caused by mildew in storage areas, basements, closets, bathrooms and A/C filters. Spray to eliminate odors from tobacco, food, beverage spills and musty carpet. For sprayer applications use a coarse spray device. Allow surfaces to air dry.

FOR ODORS CAUSED BY DOGS, CATS AND OTHER DOMESTIC ANIMALS Use on rugs, floors, walls, tile, cages, crates, litter boxes, mats, floor coverings or any surface soiled by a pet. Test a small inconspicuous area first. Blot problem area. Then follow directions for General Deodorization.

WATERBED CONDITIONER When used as a waterbed conditioner [(This product) (Product Name)] eliminates the odor caused by bacteria. If bed has not been treated properly, drain bed completely. Add 15 gallons of water, mix vigorously, drain bed again. Fill bed with water and follow dosage directions.

Dosage To eliminate the odor caused by bacteria, add 4.56 fluid ounces (of this product) (Product Name)) in a free flow waterbed of 90 to 180 gallon capacity. Add 9.125 fluid ounces (of this product) (Product Name)) in a waveless/fiber waterbed mattress of 90 to 180 gallon capacity. Repeat application every 4 to 6 months.

GLASS CLEANING/DEODORIZING DIRECTIONS Add 1 to 2 ounces per (one) (1) gallon of water (or equivalent use dilution) to clean and deodorize windows, mirrors and glass surfaces. Use a coarse spray device for spray applications. Spray 6.8 inches from surface. Rub with sponge or cloth. Do not breathe spray.

SEWER BACKUP & RIVER FLOODING To use as a deodorizer, dilute 1.2 ounces (of this product) (Product Name)) per (one) (1) gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non salvageable materials. Saturate all affective areas with a mechanical

spray device (coarse pump or trigger spray device) before and after cleaning and extraction. For spray applications, spray 6.8 inches from surface. Use proper ventilation open windows.

CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME, LUMBER, TACKLESS STRIP AND PANELING To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 1 to 2 ounces of the product per (one) (1) gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device (coarse pump or trigger spray device) to fully saturate affected materials. For spray applications, spray 6.8 inches from surface. Roll brush or agitate into materials and allow the materials to remain damp for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

SMOKE DAMAGE RESTORATION Effective against odors caused by smoke damage for home, institutional, industrial and hospital use [(This product) (Product Name)] is particularly suitable for use in smoke damage restoration situations. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

WATER AND SMOKE DAMAGE RESTORATION Effective against odor caused by smoke and water damage for home, institutional, industrial and hospital use [(This product) (Product Name)] is particularly suitable for use in water damage restoration situations. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

SPECIAL INSTRUCTIONS FOR CLEANING CARPETS [(This product) (Product Name)] can be used in industrial, institutional, commercial and residential areas such as homes, motels & hotel chains, nursing homes, schools and hospitals. For use on wet cleanable synthetic fibers, do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for color fastness.

For Portable Extraction Units Mix 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution).

For Truck Mounted Extraction Machines Mix 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) and meter at 4 gallons per hour.

For Rotary Floor Machines Mix 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) and apply at the rate of 300-500 sq. ft. (one) (1) gallon.

Do not mix (This product) (Product Name)) with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using (This product) (Product Name)) set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over wet if applied to stain resistant nylon carpet. Apply a fabric protector according to the carpet manufacturer's directions.

CARPET CLEANING/DEODORIZATION FOR HOME INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE

[(This product) (Product Name)] cleans and deodorizes the carpet. It can be used in industrial, institutional, commercial and residential areas such as homes, motels, hotel chains, nursing homes and hospitals.

Vacuum carpet thoroughly prior to application. Mix 1 ounce (of this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution). Follow the injection and/or extraction procedures as specified for any conventional steam cleaning.

equipment you are using For rotary floor machines mix 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water and spray on carpet at a rate of 300 500 sq ft per (one) (1) gallon

[(For use) (Use (this product) (Product Name))] on washable synthetic fibers Do not use on wool Test color fastness of carpet before use Apply diluted product to a small concealed spot then rub with a clean white cloth If color changes or transfers to the cloth a water based product must not be used

After using the product set carpet pile in one direction with a stiff brush Place aluminum foil under the legs of furniture while carpet is drying Over wetting can cause carpet to shrink Manufacturer assumes no responsibility for over wetting misuse

Note [(This product) (Product Name)] must not be mixed with other cleaning products
CLEANSING OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS [(This product) (Product Name)] removes secretions soil and blood along with their accompanying malodor from the surfaces and orifices of human remains Using a sponge or washcloth bathe the entire body with a use solution of 1 fluid ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) A soft brush may be employed on surfaces other than the face Allow a 10 minute contact time for optimal results [(Fresh solution must be prepared) (Prepare fresh solution)] for each [(cadaver) (remains)] at least daily or [(more often if) (when)] use solution becomes visibly [(dirty) (soiled) (diluted)]

FOR USE ON FINISHED FLOORS To limit gloss reduction use 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) Apply with a damp mop or auto scrubber Allow surface to air dry

OTHER USES

DISINFECT/FUNGICIDE/IRUCIDE OF HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES IN WHIRLPOOL UNITS After using the whirlpool unit drain and refill with fresh water to just cover the intake valve Add 1 ounce (of (this product) (Product Name)) for each gallon of water (or equivalent use dilution) (703 ppm active) at this point Briefly start the pump to circulate the solution Turn off the pump Wash down the unit sides seat of the chair lift and (any) (all) other related equipment with a clean swab brush or sponge Treated surfaces must remain wet for 10 minutes After the unit has been thoroughly disinfected drain the solution from the unit and rinse any/all cleaned surfaces with fresh water Repeat for heavy soiled units [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR DISINFECTING BAGLESS VACUUM CLEANERS Add 1 ounce (of (this product) (Product Name)) to (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) Turn off and unplug vacuum cleaner Remove the hard non porous container that houses collected material from vacuum cleaner Empty contents into a waste receptacle Rinse collection container with water and wipe clean to remove any additional collected material Apply solution to collection container with a brush cloth sponge or mechanical spray device ((hand pump) coarse pump or trigger spray device) so as to wet all surfaces thoroughly For spray application spray 6 8 inches from surface Allow surfaces to remain wet for 10 minutes [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Reattach container to vacuum cleaner Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

FOR DISINFECTING NON POROUS VACUUM CLEANER BRUSHES Add 1 ounce (of (this product) (Product Name)) to (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) Turn off and unplug vacuum cleaner Remove the non porous brushes from vacuum cleaner Submerge brush in solution so as to wet all surfaces thoroughly Allow surfaces to remain wet for 10 minutes [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Reattach brushes to vacuum cleaner [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

DIRECTIONS FOR HOUSEHOLD USE

KITCHEN/BATHROOM/HOUSEHOLD CLEANING Apply 1 oz (of (this product) (Product Name)) per gallon of water (703 ppm active) (or equivalent use dilution) solution with a brush cloth sponge mop auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) directly onto hard non porous (inanimate) (environmental) surface For spray applications hold container 6 inches to 8 inches from surface and spray until thoroughly wet [(Rinse) (Wipe the soiled area clean) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] [(This product) (Product Name)] is not to be used on dishware glasses or eating utensils Change cloth sponge or towels frequently to avoid redeposition of soil

DISINFECT/DEODORIZE To disinfect hard non porous (inanimate) (environmental) surfaces such as floors walls counters sinks tubs toilets glazed tile exterior surfaces of appliances refrigerators or freezers microwave exteriors stove tops and hoods tables garbage pails and faucets apply 1 oz (of (this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) with brush cloth sponge mop auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For spray applications hold container 6 inches to 8 inches from surface and spray until thoroughly wet Treated surface must remain wet for 10 minutes before wiping For heavily soiled areas a pre cleaning step is required The pre cleaning step must be done according to the instructions under Kitchen/Bathroom/Household Cleaning directions [(Rinse with potable water after use on surfaces that come in contact with food) (Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SANITIZER DIRECTIONS FOR NON FOOD CONTACT SURFACES

SANITIZATION OF HARD NON POROUS (INANIMATE) (ENVIRONMENTAL) SURFACES IN WHIRLPOOL UNITS To remove body oils dead tissue soil and other buildups or organic matter on inanimate surfaces after using the whirlpool unit drain and refill with fresh water to just cover the intake valve Add 1 ounce (of (this product) (Product Name)) for each gallon of (or equivalent use dilution) (703 ppm active) water at this point Briefly start the pump to circulate the solution Turn off the pump Wash down the unit sides seat of the chair lift and any/all related equipment with a clean swab brush or sponge Treated surfaces must remain wet for (60 seconds) (1 minute) After the unit has been thoroughly sanitized drain the solution from the unit and rinse (any) (all) cleaned surfaces with fresh water Repeat for heavy soiled units [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

SANITIZATION OF EXTERIOR HOUSEHOLD SURFACES DIRECTIONS

Preparation of Use Solution Add 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (703 ppm active) (or equivalent use dilution) to sanitize hard non porous (inanimate) (environmental) exterior surfaces such as vinyl plastic sealed

concrete painted or sealed woodwork and sealed stucco Surfaces to be treated include house siding decks patios walkways and driveways

Application Preclean heavily soiled areas Apply solution with a brush mop cloth sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) or with a low pressure (less than 60 psi) airless sprayer so as to wet all surfaces thoroughly Treated surfaces must remain wet for (one) (1) minute Wearing suitable respiratory protective equipment and protective eyewear to control exposure to spray pressure wash surfaces to thoroughly clean all treated areas using a high pressure spray Do not breathe spray Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)] One half gallon of diluted product will treat 200 300 sq ft of surface

HORTICULTURAL AND ORNAMENTAL PLANT.

Do not apply [(This product) (Product Name)] in a way that will contact workers or other persons either directly or through drift Only protected handlers may be in the area during application For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

DISINFECTING

COMMERCIAL FLORIST USE DIRECTIONS To clean disinfect and deodorize hard non porous (inanimate) (environmental) surfaces in one step prepare use solution by [(adding) (mixing)] 1 ounce (of (this product) (Product Name)) per (one) (1) gallon of water (1 128) (703 ppm active) (or equivalent use dilution) For heavy duty use [(add) (mix)] 4 ounces (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) For heavily soiled areas a preliminary cleaning is required Remove all leaves petals garbage and refuse Preclean surfaces using pressurized water where possible Apply use solution to hard (inanimate) (environmental) non porous surfaces thoroughly wetting surfaces as required with a cloth mop brush sponge auto scrubber or mechanical spray device ((hand pump) coarse pump or trigger spray device) For sprayer applications spray 6 8 inches from surface Rub with brush sponge mop or cloth Do not breathe spray Treated surfaces must remain wet for 10 minutes [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

AGRICULTURE USE REQUIREMENTS (Note to reviewer This section might be surrounded by a box on label) Use ((this product) (Product Name)) only in accordance with its labeling and with the Worker Protection Standard 40CFR170 This Standard contains requirements for the protection of agricultural workers on farms forests nurseries and greenhouses and handlers of agricultural pesticides it contains requirements for training decontamination notification and emergency assistance it also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) The requirements in this section (box) only apply to uses (of (this product) (Product Name)) that are covered by the Worker Protection Standard Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is coveralls worn over long sleeved shirt and long pants waterproof gloves chemical resistant shoes plus socks and protective eyewear

NON AGRICULTURAL USE REQUIREMENTS (Note to reviewer This section might be surrounded by a box on label) The requirements in this section (box) apply to uses of

[(this product) (Product Name)] that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40CFR170) The WPS applies when [(this product) (Product Name)] is used to produce agricultural plants on farms forests nurseries or greenhouses Keep unprotected persons children pets and others out of treated areas until sprays have dried

CHEMIGATION Do not apply ((this product) (Product Name)) through any type of irrigation system except when used to control algae in nozzles as directed on this label

GENERAL INFORMATION [(This product) (Product Name)] is a general disinfectant it will help in the control of fungal bacterial and viral plant pathogens bacterial and fungal leaf rots slime forming fungi and odor causing bacteria and algae it is designed specifically for greenhouse use where cross contamination may occur between plants Pre clean all surfaces prior to application of the disinfectant solution All inanimate surfaces must be thoroughly wetted and remain wet for 10 minutes for disinfection The wipe up excess or allow to air dry Fresh solution must be prepared at least daily or when use solution becomes visibly dirty To apply solutions for sprayer applications use as a coarse spray only

WORK AREAS AND BENCHES Spray or swab hard nonporous (inanimate) (environmental) working surfaces with a solution of 1 oz (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) before each work period and again after each plant is completed to help control transfer of diseases such as *Botrytis* crown rot downy mildew *Erwinia* and root rot Allow surface to remain wet for 10 minutes To apply solution as a sprayer application use as a coarse spray only and spray 6 8 inches from surface [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] Change cloth sponge or towels frequently to avoid redeposition of soil [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

POTS FLATS AND FLOWER BUCKETS Brush or wash used pots and flats then soak in a solution of 1 oz (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) for 10 minutes to help control transfer of diseases such as anthracnose blight *Botrytis* crown rot *Erwinia* mildew root rot and rust [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)]

CUTTING TOOLS Soak cutting edge of tool for 10 minutes in a solution of 1 oz (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) (703 ppm active) before use to help control transfer of diseases such as *Botrytis* *Erwinia* root and stem rots and Tobacco Mosaic Virus (TMV) [(Wipe up excess liquid (with a paper towel)) (Allow to air dry)] [(A fresh solution must be prepared) (Prepare a fresh solution)] at least daily or when use solution becomes visibly [(diluted) (soiled) (dirty)] Dry and oil tools at the end of each workday

ALGAE CONTROL

When used as directed [(this product) (Product Name)] is effective against algae With a little experience you will quickly recognize algae contamination as it starts Algae should be killed immediately! Remember - algae can double or quadruple in growth every day Algae are generally dead when it does not feel slick to the touch and the color has changed However algae do not always change color when killed

GREENHOUSE GLASS Spray or swab surface with a solutions of 0 375 oz (of (this product) (Product Name)) per (one) (1) gallon of water (or equivalent use dilution) Allow to air dry Wash off dead algae with water Spray clean surface again with the solution

Do not rinse To apply solution with sprayer applications use as a coarse spray device only

HOUSE PLANTS To control algae and cross contamination in terrariums bubbles etc wipe inside of glass with a solution of 0.093 oz (of this product) (Product Name) per quart of water (or equivalent use dilution) Lightly spray plants with same solution

WALKWAYS For heavy infestations spray or swab surface with a solution of 1 oz (of this product) (Product Name) per (one) (1) gallon of water (or equivalent use dilution) Let stand for an hour or more then brush and wash away dead algae Soak area again with the solution Do not rinse [(This product) (Product Name)] will inhibit the growth of algae on walkways Allow to dry on the surface and repeat application when algae growth returns To apply solution with sprayer applications use as a coarse spray device only (Not for use in CA)

OVERHEAD WATERING SYSTEMS During the last 2-3 minutes of watering use 2 oz (of this product) (Product Name) per 20 gallons of water as a control program Due to variations of growing conditions use every second to fourth watering Will control algae in nozzles

EVAPORATIVE COOLER Controls algae slime forming fungi on cooler pads and certain fungal plant pathogens that may carry over in the cooler as well as bacterial odors Use 1 ounce [(of this product) (Product Name)] per 15 gallons of water every other week (Not for use in CA)

Note Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions manner of use or applications and insect resistance Therefore before treating a large number of plants spray a few plants and observe for plant damage and for performance prior to full scale application All risks shall be assumed by the user

DIRECTIONS FOR ALTERNATE CONTAINERS/DELIVERY SYSTEMS

AUTOMATED DILUTION SYSTEM (DILUTION SYSTEMS TRADE NAME) INSTRUCTIONS Remove [(cap) (spray nozzle)] from empty container Fill empty container with a newly prepared use solution Replace [(cap) (spray nozzle)] Place correct use dilution label on newly filled container

BAG IN BOX CONTAINERS

How to use this package This package is designed to be used with dilution control systems only Open package and connect to dispense according to directions on the box

TRIGGER SPRAYERS Fill bottle from dispenser Apply to surfaces according to directions above

MOP BUCKETS Fill bucket from dispenser Set up Wet Floor signs Mop floor surfaces as specified in directions above

PACKETS (For pre measured tear open packets) [(Note For Food Contact Sanitizer packet only) (Simply) (Tear)] open and pour contents of packet into 3-5 gallons of water Keep packets in box until ready to use

(Note For Disinfection packet only) Pour contents of 1 oz packet into 1 gallon of water Keep packets in box until ready to use

(Note For Non Food Contact Sanitizer packet only) Pour contents of 1 oz packet into 1 gallon of water Keep packets in box until ready to use

REFILLS

To Refill Concentrate From Large Containers Into Smaller Containers [(This product) (Product Name)] may be used to fill and refill clean properly labeled containers for dilution elsewhere within your facility Make sure the small container has been cleaned dried and properly labeled according to state and local regulations Also make sure other items (funnels or hand pumps) are properly cleaned and dried To refill [(simply pour) (pump product)] from the larger container directly into the smaller one being careful not to spill any product Keep both containers sealed when not in use

(Note to reviewer The title and first statement of this section must appear on every label followed by the appropriate Storage and Disposal section Brackets [] indicate that one option within the brackets MUST be used in the final label text Each option within the brackets is enclosed in a set of parenthesis () All Notes are only for reviewers and will not be included on label.)

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

(FOR USE ON NON REFILLABLE CONTAINERS WITH HOUSEHOLD/RESIDENTIAL USES)
PESTICIDE DISPOSAL/CONTAINER HANDLING/CONTAINER DISPOSAL Non refillable container Store only in original container in areas inaccessible to children Triple rinse container Do not reuse empty container Wrap (container) and put in trash or offer for recycling if available

(FOR USE ON NON REFILLABLE CONTAINERS WITH

INSTITUTIONAL/COMMERCIAL/INDUSTRIAL)

(Note To be used with either Nonpublic health or Public health uses in this section)

(Note For use on containers greater than one gallon)

PESTICIDE STORAGE Open dumping is prohibited Store only in original container Do not reuse empty container if a leaky container must be contained within another mark the outer container to identify the contents Store pesticides away from food pet food feed seed fertilizers and veterinary supplies Keep [(This product) (Product Name)] under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use

(Note For use on containers greater than one gallon)

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 (Note Only one of the following Container Disposal paragraphs will be used depending on packaging type)

Non refillable container Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate) Offer for recycling if available or puncture and dispose in a sanitary landfill or by other procedures approved by state and local authorities If rinsate cannot be used follow Pesticide Disposal instructions

(Note Several of our customers packaging options are sealed containers or bottles designed to reduce worker exposure to the concentrate None of these can be triple rinsed because they are closed sealed containers The following text will be used on these non refillable sealed container types only)

Nonrefillable container Do not reuse or refill this container Wrap empty container and put in trash

(Note The following text will be used on the BAG in BOX container types only No Residue Removal instructions are used when BAG in BOX container disposal instructions is used)

BAG in BOX CONTAINER DISPOSAL Completely empty bag into application equipment Then offer for recycling if available or dispose of in a sanitary landfill or by incinerations or by other procedures allowed by state and local authorities

(Note For use on containers of one gallon or less The following replaces the above Pesticide Storage Pesticide Disposal and Container Disposal directions in the INSTITUTIONAL/COMMERCIAL/INDUSTRIAL section)

CONTAINER DISPOSAL/PESTICIDE STORAGE Non refillable container Store only in original container Do not reuse empty container Store pesticides away from food pet food feed seed fertilizers and veterinary supplies Keep [(This product) (Product Name)] under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use Triple rinse as follows Fill container / fill with water and reclose the container Agitate vigorously and dispose of rinsate Repeat two more times Wrap (container) and put in trash or offer for recycling if available

(FOR USE ON REFILLABLE CONTAINERS)

(Note The following text must be used on a refillable containers greater than five gallons)
Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

PESTICIDE STORAGE Open dumping is prohibited Store only in original container if a leaky container must be contained within another mark the outer container to identify the contents Store pesticides away from food pet food feed seed fertilizers and veterinary supplies Keep [(This product) (Product Name)] 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

(Note to Reviewer Only one of the following paragraphs will be used for Residue Removal/Container Disposal on all refillable and non refillable INSTITUTIONAL/COMMERCIAL/Industrial labels)

(Note For containers up to and including 5 gallons)

RESIDUE REMOVAL INSTRUCTIONS Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Fill the container / full with water and recap Shake for 10 seconds Follow Pesticide Disposal instructions for rinsate disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times

(For containers greater than 5 gallons with Industrial/Commercial Non public Health Uses)

RESIDUE REMOVAL INSTRUCTIONS To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Empty remain contents into application equipment or a mix tank Fill the container / full with water Replace and tighten closures [(Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds) (Agitate vigorously or recirculate water for 30 seconds)] Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times

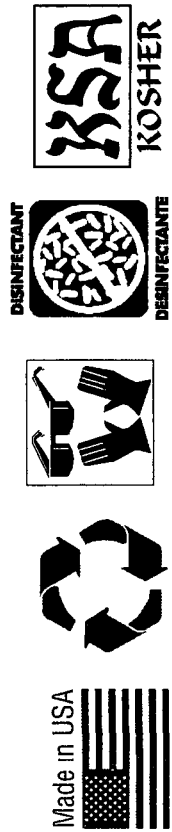
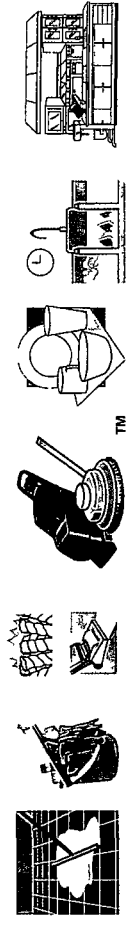
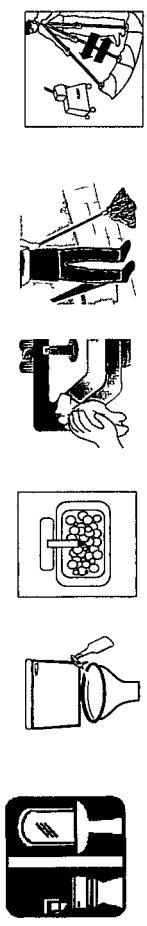
(For containers greater than 5 gallons with Industrial/Commercial Public Health Uses)

RESIDUE REMOVAL INSTRUCTIONS To clean the container before final disposal triple rinse as follows Fill container / full with water [(Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds) (Agitate vigorously or recirculate water for 30 seconds)] Stand the container on its end and tip it back and forth several times Turn the container over its other end and tip it back and forth several times Follow Pesticide Disposal instructions for rinsate disposal Repeat this procedure two more times

(For containers up to and including 5 gallons - Refillable containers only)

CONTAINER HANDLING/RESIDUE REMOVAL Refillable container Triple rinse (or equivalent) Refill this container with [(this brand) (This product) (Product Name) (pesticide)] only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

(Note to Reviewer These icons have been requested by our customers and will appear on the label with the appropriate directions)



ONE OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL FOR DISINFECTION OR NON FOOD CONTACT SANITIZATION

FOR (DISINFECTION) (NON FOOD CONTACT SANITIZATION)

MIX EACH PACKET WITH 1 GALLON OF WATER

MAQUAT® 128

E P A Reg No 10324 58 E P A Est No 10324 IL 1

NET CONTENTS 1 0 FLUID OZ

ACTIVE INGREDIENTS

Alkyl (C ₁₄ 60% C ₁₆ 30% C ₁₂ 5% C ₁₈ 5%)	4 5%
dimethyl benzyl ammonium chloride	
Alkyl (C ₁₂ 68% C ₁₄ 32%)	4 5%
dimethyl ethylbenzyl ammonium chloride	

INERT INGREDIENTS

	91 0%
TOTAL	100 0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

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

ONE OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL FOR FOOD CONTACT SANITIZER

FOR FOOD CONTACT SANITIZER

MIX EACH PACKET WITH 3 5 GALLONS OF WATER

MAQUAT® 128

E P A Reg No 10324 58 E P A Est No 10324 IL 1

NET CONTENTS 1 0 FLUID OZ

ACTIVE INGREDIENTS

Alkyl (C ₁₄ 60% C ₁₆ 30% C ₁₂ 5% C ₁₈ 5%)	4 5%
dimethyl benzyl ammonium chloride	
Alkyl (C ₁₂ 68% C ₁₄ 32%)	4 5%
dimethyl ethylbenzyl ammonium chloride	

INERT INGREDIENTS

	91 0%
TOTAL	100 0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

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

TRIGGER SPRAYER LABEL

THE PRODUCT IN THIS CONTAINER IS DILUTED AS DIRECTED ON THE PESTICIDE PRODUCT LABEL

MAQUAT 128

EPA Reg No 10324 58 EPA Est No 10324 IL 1

ACTIVE INGREDIENTS

Alkyl (C ₁₄ 60% C ₁₆ 30% C ₁₂ 5% C ₁₈ 5%)	4 5%
dimethyl benzyl ammonium chloride	
Alkyl (C ₁₂ 68% C ₁₄ 32%)	4 5%
dimethyl ethylbenzyl ammonium chloride	
INERT INGREDIENTS	<u>91 0%</u>
TOTAL	100 0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS FIRST AID AND USE DIRECTIONS

The contents of this container have been prepared by the user to a (insert ppm #) PPM solution

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling Follow Directions for Use on the pesticide label when mixing and applying this product

**MASON CHEMICAL COMPANY
THE QUATERNARY SPECIALISTS**

721 W Algonquin Road
Arlington Heights IL 60005

847 290 1621

Toll Free

1 800 362 1855

NOT FOR RESALE



SECONDARY CONTAINER LABEL

(Note to Reviewer This secondary container label will be used only when the product is diluted in accordance with the use directions)

MAQUAT 128

EPA Reg No 10324 58 EPA Est No 10324 IL 1

The product in this container is diluted as directed on the pesticide product label

ACTIVE INGREDIENTS

Alkyl (C ₁₄ 60% C ₁₆ 30% C ₁₂ 5% C ₁₈ 5%)	4 5%
dimethyl benzyl ammonium chloride	
Alkyl (C ₁₂ 68% C ₁₄ 32%)	4 5%
dimethyl ethylbenzyl ammonium chloride	
INERT INGREDIENTS	<u>91 0%</u>
TOTAL	100 0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive Causes irreversible eye damage and skin burns Harmful if swallowed or absorbed through the skin 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 and before eating drinking chewing gum using tobacco or using the toilet Remove contaminated clothing and wash clothing before reuse

Follow the directions for use on the pesticide label when applying (this product) (Product Name)

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NOT FOR RESALE

