



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 12, 2022

Ryan J. Connair  
Registration Specialist  
MASON CHEMICAL COMPANY  
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Subject: PRIA Label Amendment – To add four public health organisms  
Product Name: Maquat 11-25  
EPA Registration Number: 10324-237  
Received Date: 8/2/2022  
Action Case Number: 00382280

Dear Mr. Connair:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Page 2 of 2  
EPA Reg. No. 10324-237  
Action Case No. 00382280

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact [FlintSilva.Tara@epa.gov](mailto:FlintSilva.Tara@epa.gov) or [Oiguenblik.Emilia@Epa.gov](mailto:Oiguenblik.Emilia@Epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tara M. Flint Silva". The signature is written in a cursive, flowing style.

Tara Flint Silva, Acting Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division  
Office of Pesticide Programs

Enclosure: Stamped label

# MAQUAT® 11-25

(Note to Reviewer: Marketing claims may be used on the front panel.)

Cleaner • Disinfectant • Deodorizer • Fungicide • Virucide\*

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride .....	15.36%
Glutaraldehyde.....	11.00%
Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) Dimethyl	
Benzyl Ammonium Chloride .....	10.24%

**OTHER INGREDIENTS:**.....63.40%

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

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

{See [{left} {back} {side} {right} {insert} {panel} {of label} {below}] for {additional} precautionary statements.}

(Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.)

### FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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.

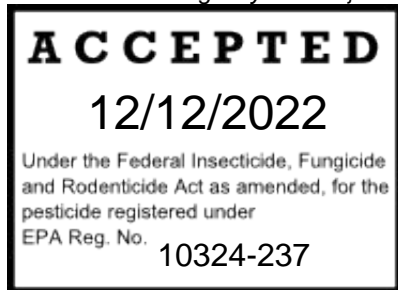
**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**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.

**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.

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

{For [{chemical} {and} {or} {medical} {and} {or} {environmental}] emergencies, call {insert name and/or number of emergency contact} {hours of operation} {24 hours a day} {7 days a week}}.



(Note to Reviewer: This referral statement may be organized in any order to be grammatically correct.)

{{Consult} {See} {additional} {sheet} {insert} {inside} {outer container} {Product Information} {Bulletin} {for} {other} {directions for use} {and} {information} {claims} {organisms} {applications}.}

Net Contents:

{{[Batch] [Lot]} No} {Manufacturing Date}:  
{Product of USA} {Made in the USA}

# MAQUAT<sup>®</sup> 11-25

## ORGANISM LIST

**(Note to Reviewer:** The list of organisms can be formatted into paragraph form using a comma to separate organisms.)

**DISINFECTION PERFORMANCE:** This product kills the following bacteria in 10 minutes at 0.5 fl. oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces:

*Bordetella avium* {(ATCC 35086)}  
*Campylobacter jejuni* {(ATCC 33560)}  
*Corynebacterium pseudotuberculosis* {(ATCC 19410)}  
*Escherichia coli* {(ATCC 11229)}  
*Escherichia coli* F18 {(USDA F18)}  
*Klebsiella pneumoniae* {(ATCC 13883)}  
*Listeria monocytogenes* {(ATCC 19115)}  
*Pseudomonas aeruginosa* {(ATCC 15442)}  
*Salmonella enterica* {(ATCC 10708)}  
*Salmonella enterica* Enteritidis {(ATCC 13076)}  
*Salmonella enterica* Pullorum {(ATCC 19945)}  
*Salmonella enterica* Typhisuis {(ATCC 8321)}  
*Staphylococcus aureus* {(ATCC 6538)}  
*Streptococcus suis* {(ATCC 43765)}

**{ANIMAL PREMISE} VIRUCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 0.5 fl. oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces:

Avian Influenza A (H3N2) Reassortant Virus {(VR-2072)}  
Avian Influenza A (H5N1) Virus {(CDC 2006719965)}  
Avian Reovirus {(VR-2449)}  
Canine Parvovirus {(VR-2017)}  
Infectious Bursal Disease Virus {(Solvay Animal Health)}  
Infectious Laryngotracheitis Virus {(LT-IVAX)}  
Marek's Disease Virus {(Charles River)}  
Newcastle Disease Virus {(LaSota)}  
Porcine Respiratory & Reproductive Syndrome Virus {(PRRSV)}  
{(NVSL)}  
Pseudorabies Virus {(VR-135)}

**FUNGICIDAL PERFORMANCE:** This product kills the following fungi in 10 minutes at 0.5 fl. oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces:

*Fusarium dimerum* {(ATCC 24584)}  
*Trichophyton interdigitale* {(ATCC 9533)} {(Athlete's foot fungus)} {(a cause of Ringworm)} {(formerly known as *Trichophyton mentagrophytes*)}



## TABLE OF CONTENTS

*(Note to Reviewer: The Table of Contents is optional.)*

ORGANISM LIST .....	2
MARKETING CLAIMS .....	4
DIRECTIONS FOR USE .....	6
{GENERAL} {BROAD-SPECTRUM} DISINFECTION .....	7
FUNGICIDAL.....	7
ANIMAL PREMISES .....	7
DEODORIZATION/CLEANING.....	8
ALTERNATE CONTAINER/DELIVERY SYSTEMS.....	9
STORAGE AND DISPOSAL.....	10
EMERGING VIRAL PATHOGEN CLAIMS .....	11
PRECAUTIONARY STATEMENTS.....	11
{SPANISH ADVISORY STATEMENTS}.....	12
GRAPHICS AND ICONS .....	12
WARRANTY STATEMENT.....	14

## MARKETING CLAIMS

*(Note to Reviewer: Marketing text is considered optional. Commas and the words “and” “or” can be added to phrases to make text grammatically correct.)*

*(Note to Reviewer: In the case where a location, surface, or marketing claim is not registered in the State of California the statement “(Not for use in CA.)” may be added to the relevant text).*

### {LOCATIONS/SURFACES}

*(Note to Reviewer: The locations/surfaces have been grouped for space purposes only; they can be used individually or grouped together in any order however at least **one** location/surface must appear on the label. In the case where one or more location/surface is chosen, an “and”, “&”, or “or” and appropriate punctuation may be used to link locations/surfaces.)*

This product is for use on hard, non-porous surfaces in *(insert location)*

This product [{when used as directed} {can be used} {is formulated to [{disinfect} {clean} {deodorize}}] {is formulated for use}] on {washable} hard, non-porous surfaces [{such as} {in}]: *(insert location/surface)*

For use {in} {on} *(insert location/surface)*.

With organic soil {load} {for} *(insert location/surface)*.

### {LOCATIONS}

- Veterinary clinics, animal life science laboratories, animal laboratories, animal research centers, animal quarantine areas, animal holding areas, equine farms, {dog} {cat} {animal} kennels, animal breeding facilities, breeding establishments, animal husbandry establishments, grooming establishments, pet animal quarters, animal housing facilities, zoos, tack shops, pet shops, operating rooms, washing areas, waiting rooms, examination rooms, and other animal care facilities
- {Dairy} {equine} {poultry/turkey} farms
- Farmhouses, barns, sheds, tool sheds, {cattle} {swine} {sheep} {horse} barns, pens and stalls, swine quarters, livestock farms, equine quarters, brooder houses, seed houses, {veal} {calving} {hog} {cattle} {and} {horse} operations, chick vans, egg trucks, hatchery and farm vehicles
- Federally inspected meat and poultry plants
- Food processing plants, USDA inspected food-processing facilities, federally inspected meat and poultry plants, egg processing plants, poultry and turkey farms, farms, dairy farms, hog farms, meat/poultry processing plants, mushroom farms, rendering plants, poultry and animal dressing plants, canneries, meat packing plants, hide and leather processing plants
- Poultry premises {(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
- Processing facilities for fish, milk, citrus, wine, fruit, vegetable, ice cream, potato, and beverage plants
- Swine premises:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes
- Tobacco plant premises

### {SURFACES}

- Countertops, counters, countertop laminates, sinks, tub surfaces, shelves, racks, carts, appliances
- Floors, finished floors, high speed burnished floors, conductive flooring, walls, ceilings, fixtures
- Glass surfaces, aluminum, brass, copper, laminated surfaces, metal, plated steel, stainless steel, glazed porcelain, glazed {restroom} tile, glazed {restroom} ceramic, sealed granite, sealed marble, plastic {such as polyvinylchloride, polystyrene or polypropylene}, sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome, Plexiglas®, enameled surfaces, painted {finished} woodwork, Formica®, vinyl and plastic upholstery, washable wallpaper, windows, mirrors, painted surfaces
- Tables, chairs, desks, folding tables, bed frames, lifts, washable walls, cabinets, doorknobs, handles, garbage cans/pails, trash barrels, trash cans, trash containers, industrial waste receptacles and garbage handling equipment, shelves, racks, carts
- Sealed foundations, steps, plumbing fixtures, finished baseboards and windowsills
- And other hard, non-porous, non-food contact surfaces
- Kennel runs, cages, kennel/cage floors, conductive flooring, examination tables, veterinary x-ray tables, loading platforms, animal equipment
- Maintenance equipment
- Hard, non-porous, non-food contact surfaces in food storage areas
- Hatchers, setters, trays, racks, egg flats, chick boxes, egg cases, vans, trash containers, seed houses, poultry/turkey equipment, carts, sexing tables, egg receiving and egg holding areas, automated tray, rack and buggy washers
- Hard, non-porous harvesting and handling equipment

- Hard, non-porous hide/leather processing surfaces such as hide storage bins, holding tanks, chill tanks, serpentine tanks and chains, machine and tannery equipment surfaces, conveyors and trolleys, hide press, grading and storage areas, scales
- Hard, non-porous meat packing plant surfaces such as livestock vehicles and holding pens, receiving areas, delivery chutes, slaughter areas and conveyors, hand, rub and guide rails, post knock cabinets, stands and flooring surfaces, chains and moving process lines, chutes, conveyors, tallow and animal feed production surfaces, processed product and offal equipment surfaces, fabrication and processing areas covering cold storage areas, stainless steel cut out and prep tables, and other stainless steel surfaces

### DISINFECTION MARKETING CLAIMS

**(Note to Reviewer:** The following marketing claims may be used with the prefix “This product {is} {a} {an}”.)

- Cleans, disinfects, and deodorizes {on} hard, non-porous surfaces {by killing {many} odor-causing microorganisms} {leaving surfaces smelling fresh and clean}.
- Cleans, disinfects, and deodorizes hard, non-porous, non-food contact surfaces {with no rinsing required} {in one step when used according to the directions for disinfection}.
- Cleans, shines, deodorizes, and disinfects all hard, non-porous surfaces {listed on the label}.
- Delivers disinfection performance in an economical concentrate.
- {Disinfects} {Disinfectant}.
- Is a concentrated disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, fungicidal, and eliminates odor causing bacteria when used as directed.
- Is a disinfectant for cleanroom and laboratory areas on washable, hard, non-porous non-food contact surfaces such as: laminar-airflow equipment, BioSafety cabinet work surfaces, and exterior surfaces of the following: countertops, sinks, plumbing fixture surfaces, incubators, refrigerators, and centrifuge surfaces of metal, stainless steel, glass, plastic {such as polystyrene or polypropylene}, Formica®, and vinyl.
- Is a multi-purpose cleaner, deodorizer, and disinfectant.
- Is a {detergent} {disinfectant} cleaner {{and} [{deodorant} {odor-counteractant} {odor neutralizer}]} designed {for general cleaning, {and} disinfecting, {deodorizing} {of} hard, non-porous, non-food contact surfaces.
- Is a one-step {detergent} {disinfectant} cleaner {{and} [{deodorant} {odor-counteractant} {odor neutralizer}]} designed for general cleaning, {and} disinfecting, {and} {deodorizing} {of} hard, non-porous, non-food contact surfaces when used according to the disinfection directions.
- Provides effective cleaning, deodorizing, and disinfection in areas where housekeeping is of prime importance in reducing cross-contamination on treated surfaces.
- Is a one-step {detergent} disinfectant, cleaner, and deodorizer that is effective against a broad spectrum of bacteria and is virucidal\* when used according to the directions for disinfection on hard, non-porous, non-food contact surfaces.
- Is a proven disinfectant, cleaner, fungicide, and virucide\*.
- Is a versatile disinfectant for veterinarian, veterinary practice, animal care, animal laboratory, agricultural, and farm premise applications.
- Is an effective [{bactericide} {and} {virucide\*} {disinfectant} {fungicide}] in the presence of [{organic soil} {5% {blood} serum}].
- Is an effective fungicide against {Trichophyton interdigitale} {(the athlete’s foot fungus)} when used on hard, non-porous surfaces.
- Is designed to provide both general cleaning and disinfection.
- Is for use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, non-processing areas and/or exterior areas, federally inspected meat and poultry plants as a floor and wall cleaner for use in all departments, and federally inspected meat and poultry plants as a disinfectant agent for use in all departments.
- Kills {insert virus\* name from approved organism listing for this product}.
- Kills {99.9% of} {insert any disinfection organism listed} {on hard, non-porous, non-food contact surfaces}.
- Kills {Avian} Influenza A {Flu} Virus {(H5N1)} {(H3N2)}.
- Kills bacteria and helps reduce cross-contamination on treated hard, non-porous, non-food contact kitchen surfaces listed on this label.
- {Detergent} Disinfectant {Cleaner}

### GENERAL MARKETING CLAIMS

**(Note to Reviewer:** The following marketing claims may be used with the prefix “This product” or “This product is {a} {an}”.)

- Antimicrobial
- Can be applied through foaming apparatus and low-pressure sprayer systems. Follow manufacturers’ instructions when using this equipment.
- Clear formula. **(Note to Reviewer:** To be used only when no dyes are present)
- Contains no fragrances. **(Note to Reviewer:** To be used only when no fragrances are present)
- Contains no abrasives so it won’t scratch surfaces.
- Formulated for effective poultry premise sanitation.
- Formulated for effective swine premise sanitation.
- Has been designed specifically for areas where housekeeping is of prime importance.
- Is an economical concentrate that can be used with a mop and bucket, trigger sprayer, sponge, or by soaking.
- Is designed for use in pet salons and animal hospitals.
- Is fragrance-free. **(Note to Reviewer:** To be used only when no fragrances are present)
- Is non-staining.
- Non-abrasive formula will not [{harm} {scratch}] surfaces.
- Non-dulling formula eliminates the time and labor normally required for rinsing floors.

- Use this product to treat hard, non-porous multi-touch surfaces that may be responsible for cross-contamination.
- Will not harm sealed stone, sealed grout, or glazed tile.
- Will not harm most surfaces.
- Will not leave grit or soap scum.

### CLEANING AND DEODORIZATION MARKETING CLAIMS

**(Note to Reviewer:** *The following marketing claims may be used with the prefix “This product”.*)

- {Also} eliminates odors leaving surfaces smelling clean and fresh.
- {Also} [{removes} {eliminates}] odors {caused by [{bacteria} {and} {mildew} {mold and mildew} {and} {non-fresh foods}]} {leaving {restroom} {kitchen} surfaces smelling clean and fresh}.
- {Cleans} {Cleaner}
- Cleans by removing dirt, grime, mold and mildew stains, 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.
- Cleans rodent-soiled areas.
- Cleans without discoloring.
- Cleans quickly by removing dirt, grime, mold and mildew stains, food residue, body oils, dead skin, blood, and other organic matter commonly found in *(insert site from Locations)*.
- {Deodorizes} {Deodorant}.
- Deodorizes moist hard, non-porous surfaces by killing microorganisms that cause offensive odors. (Not for use in CA.)
- Is a cleaner and [{deodorant} {odor-counteractant} {odor-neutralizer}] designed for [{general cleaning}, {and} {disinfecting}, {deodorizing}] on hard, non-porous surfaces.
- Is effective against odors caused by animal waste. (Not for use in CA.)
- Is for use as a [{cleaner} {deodorizer}] on floors, walls, tile, cages, crates, mats, litter boxes, floor coverings, or any hard, non-porous surfaces soiled by a pet.
- [{Malodor Activity} {Odor} {Counteractant}] - [{eliminates} {destroys}] odors {and odor-causing bacteria on hard, non-porous surfaces in restroom areas, behind and under sinks and counters, and storage areas {and other {hard, non-porous} surfaces} where bacterial growth can cause malodors.}
- Neutralizes musty odors and tough odors from smoke, pet accidents, and spills on contact.
- Provides effective cleaning strength that will not dull most metal-interlock floor finishes and does not require a rinse prior to recoat.
- Provides long lasting freshness against tough {pet} odors such as odors from litter boxes and pet accidents.
- Removes dirt.
- Removes stains.
- Use of this product will control unpleasant [{malodors} {odors}].

### PACKAGING CLAIMS

- Concentrate{d}.
- Convenient trigger spray. **(Note to Reviewer:** *To be used on applicable container*)
- {Dilution System trade name}
- Easy to use.
- Economy size. **(Note to Reviewer:** *To be used on applicable container*)
- Fewer products - no need for separate deodorizer.
- Is for use in [{automated dilution systems} {automated} {dilution systems} {Dilution System trade name}].
- Makes *(insert value)* [{gallons} {quarts} {containers}]
- Squeeze {measure} and pour
- This [{container} {bottle}] is made of {at least} (x) % post-consumer recycled plastic.

**(Note to Reviewer (General Considerations):** *Numbered instructions will be used if label space permits, otherwise they may appear in paragraph format. The list of organisms can be formatted into paragraph form using a comma to separate organisms. Unit abbreviations can be spelled out. Note symbols such as asterisks (\*) and daggers (†) may be replaced with equivalent symbols. When choosing optional text, appropriate punctuation can be inserted or deleted. Equivalent use dilution ratios may be substituted within the directions.)*

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

{Please read entire label and use strictly in accordance with precautionary statements and directions.}

**(Note to Reviewer:** *The following statement is to be used if refrigerators are listed on the label.)*

Allow surfaces to come to room temperature before treatment {with this product}.



*(Note to Reviewer: The following statement is to be used if any food premise locations are listed on the final label.)*

{Before using this product {in federally inspected meat and poultry food processing plants and dairies}, food products and packaging materials must be removed from the room or carefully protected.}

{{This product} contains no [{phosphorus} {phosphates}]}

*(Note to Reviewer: For labels that list medical devices and/or stainless steel surfaces, one of the following FDA/EPA Memorandum of Understanding statements must be used.)*

{This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. {This product can be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.}}

(OR)

{This product is not for use on medical device surfaces.}

*(Note to Reviewer: Appropriate dilution rates may be substituted as long as they are equivalent dilution rates.)*

**{DILUTION TABLE:**

*(Note to Reviewer: This DILUTION TABLE is optional.)*

Use	Dilution	Contact Time
For {general} {or} {broad-spectrum} disinfectant claims	0.5 fl. oz./gal. water	10 minutes
For {animal} virucidal* claims	0.5 fl. oz./gal. water	10 minutes
For fungicidal claims	0.5 fl. oz./gal. water	10 minutes

**{GENERAL} {BROAD-SPECTRUM} DISINFECTION**

**FOR USE AS A {ONE-STEP} {GENERAL} DISINFECTANT {VIRUCIDE\*} {DEODORIZER} {CLEANER}:**

1. Pre-clean visibly soiled areas.
2. To disinfect hard, non-porous, non-food contact surfaces, apply a use solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)} with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device}, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}.
3. Treated surfaces must remain visibly wet for 10 minutes.
4. {{Wipe dry} {with a clean cloth} {or} {allow to air dry}}. {Rinsing of floors is not necessary unless they are to be waxed or polished.}
5. Prepare a fresh solution daily or when visibly dirty.

**FUNGICIDAL**

**TO KILL FUNGI:** Pre-clean visibly soiled surfaces. Prepare use solution by adding 0.5 fl. oz. of this product per gal. of water {(or equivalent dilution)}. Apply use solution to hard, non-porous, non-food contact surfaces. Allow surface to remain visibly wet for 10 minutes. Wipe surfaces {(and let air dry)}.

**ANIMAL PREMISES**

**{ANIMAL PREMISES:}**

*(Note to Reviewer: The following statement will be used on all labels with use directions for animal premises except terrariums, small animal cages, and reptile tanks.)*

Prior to use of this product, remove all [{animals} {poultry}] 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 other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

**FOR USE AS AN ANIMAL PREMISE DISINFECTANT{VIRUCIDE\*}:** Prepare a use solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {{mechanical spray device}, {{{hand pump} {coarse}} trigger spray device}. 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 for removing litter and manure in the use solution. Treated surfaces must remain visibly wet for 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house [{animals} {poultry} {livestock}] or employ equipment until treatment has 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.

**HATCHERIES:** Use to treat hatching, setters, trays, racks, carts, sexing tables, delivery trucks, and other hard, non-porous surfaces. Use 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Leave all treated surfaces visibly wet for 10 minutes or more. Allow to air dry.

**VEHICLES:** To [[clean] {and} {disinfect}] hard, non-porous surfaces on vehicles including mats, crates, cabs, and wheels, use 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Apply use solution to hard, non-porous surfaces on vehicles. Leave treated surfaces visibly wet for 10 minutes. Allow to air dry.

**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 surfaces with soap or detergent and rinse with water. Apply disinfecting and virucidal\* solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)} {to hard, non-porous surfaces of the [[enclosure] {tank}]}. Apply by cloth, mop, brush, sponge, {by immersion,} {{mechanical spray device,} {{[hand pump] {coarse}] trigger spray device.} For spray applications, spray 6 - 8 inches from surface. Do not breathe spray}. Allow surfaces to remain visibly wet for 10 minutes. Wipe dry {with a paper towel}. Rinse 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. Prepare a fresh solution daily or when visibly dirty.

**Note:** Do not apply this product directly onto the reptile. If this product 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, contact your veterinarian immediately.

**TERRARIUM AND SMALL ANIMAL CAGE AND CAGE FURNITURE DISINFECTION:** {Animals frequently defecate on rocks and other hard, non-porous 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 reduces these high bacteria/ammonia levels in your cage and on your cage furniture items.} (Do not use on porous rocks, hot rocks, and driftwood.)

1. Remove all animals.
2. Thoroughly clean surfaces and objects {(caves, cage 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, non-porous surfaces {such as floors, walls, and cages} with the disinfecting and virucidal\* solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)} so as to wet thoroughly.
4. Apply by cloth, mop, brush, sponge, {by immersion,} {{mechanical spray device,} {{[hand pump] {coarse}] trigger spray device}. 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 surfaces with solution.
5. Allow surfaces to remain visibly 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. Prepare a fresh solution daily or more often if use solution becomes visibly soiled or 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 directly onto the animal. If this product comes into contact with the animal's skin, then immediately wash the material off of the animal with lukewarm water. If the animal ingests this product, contact your veterinarian immediately.

**FOR DISINFECTING RENDERING PLANTS:** To disinfect hard, non-porous equipment, utensils, walls, and floors in poultry and animal rendering plants {including offal rooms, exterior walls, and loading platforms}. Remove all visible soils prior to application. Saturate surfaces with a solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)}. Surfaces must remain visibly wet for 10 minutes, and then be thoroughly rinsed with potable water before operations are resumed.

## DEODORIZATION/CLEANING

**FOR USE AS A {GENERAL} CLEANER {AND/OR DEODORIZER}:** Prepare use solution of 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)} and apply to hard, non-porous surfaces. [[Rinse] {Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}]. For heavy-duty use, [[add] {mix} {apply}] 1 fl. oz. of this product per gal. of water to clean hard, non-porous surfaces. Rinse with potable water after use on surfaces that come in contact with food.

**GENERAL DEODORIZATION:** To deodorize, apply 0.5 fl. oz. of this product per gal. of water {(or equivalent use dilution)} to hard, non-porous surfaces. [[Rinse] {Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}]. Rinse with potable water after use on surfaces that come in contact with food.

## ALTERNATE CONTAINER/DELIVERY SYSTEMS

### {AUTOMATED DILUTION SYSTEM} {(DILUTION SYSTEMS TRADE NAME)} {CLOSED LOOP DISPENSING} {BAG-IN-BOX} INSTRUCTIONS:

Remove [{cap} {spray nozzle}] from empty container. Fill empty container with a freshly prepared use solution. Replace [{cap} {spray nozzle}]. Place correct use-dilution label on newly filled container.

(OR)

{Remove cap and} Insert [{cartridge} {container}] into dispenser. {See dispenser instructions for proper placement of [{cartridge} {container}].} [{Press button} {or} {turn knob}] to dispense *{Insert appropriate dilution from dilution list}* of this product into a [{bucket}, {bottle}, {scrubber} {or} {other} {container}].

(OR)

Turn off water to connect [{unit} {cartridge}]. Attach water source. Rotate control knob to fill a [{bottle} {or} {bucket} {other container}]. Squeeze handle to dispense *{Insert appropriate dilution from dilution list}*. {See device instruction manual for more information.}

(OR)

{Remove *{insert color}* locking rings.} Push {the} control knob [{sideways} {down}] until [{bottle} {bucket}] icon is completely depressed against the dispensing head {for [{low} {high}] flow rate applications such as filling [{a} {coarse} trigger spray bottle] {mop buckets}]. {Use hose with quick-connect, supplying potable water - Connect to dispensing head. Squeeze to dispense. Slide holding lock to dispense into a bucket and free hands.}

(OR)

Attach sprayer unit to hose, ensuring the hose faucet is turned off. Secure tightly. Check that the sprayer is in the off position. Turn on water. Turn sprayer to on position to dispense *{insert appropriate dilution from dilution list}*. Spray evenly over surface. When finished turn sprayer to off position and then turn water off. Separate mixing of the concentrate or other application equipment is not required.

(OR)

Ensure water source is off. Attach water hose to [{dispensing unit} {sprayer unit}] and attach to container. {See dispenser instructions for proper assembly}. Secure all connections. Ensure that the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] is in the [{off} {closed}] position. Turn on the water. Turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{on} {open}] position to [{dispense solution into a} {bucket}, {bottle}, {or} {other} {container}] {spray onto surfaces}. When finished, turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{off} {closed}] position and turn the water off.

(OR)

{Twist a *{insert package name}* Cap onto *{insert product name}* spout.} Fit ¼" tubing to the automatic dilution system and attach to *{insert package name}* Cap. {Insert an in-line check valve in the run of the tubing between the automatic dilution system and the *{insert package name}* Cap.} Push tubing over the barbs of the *{insert packing name}* Cap. Secure tubing connections with plastic zip ties. [{Place} {Hang}] *{insert package name}* [{upside down} {on its side}]. See automatic dilution system instructions for detailed directions.

(OR)

This package is designed to be used with dilution control systems only. Open package and connect to [{hose} {system}] to dispense according to directions on the box.

**DILUTABLE BAGS OR POUCHES:** [{Remove} {Unscrew}] [{cap} {spout} {sprayer}] from [{bag} {pouch}]. Fill [{bag} {pouch}] with *{insert quantity here}* fl. oz. of water. Replace [{cap} {spout} {sprayer}]. Squeeze [{bag} {small section filled with concentrate}] until the seal between water and concentrate is broken. Shake to mix. [{Open} [{cap} {spout}]] to dispense in [{bucket} {bottle} {or} {other} {container}]. {Spray onto surfaces.} {Pull top on cap and squeeze bag to dispense onto surfaces.} Do not refill [{bag} {pouch}].

**PRE-MEASURED CARTRIDGES:** Fill {appropriate} [{bottle} {container}] with *{insert quantity here}* fl. oz. of water. [{Apply} {Insert}] {Twist} {Screw}] cartridge [{onto} {into}] [{bottle} {container}] [{finish} {opening}]. {Remove any tamper evident protection.} [{Lift} {Unscrew} {Open}] cap {from the cartridge.} [{Push} {Press} {Twist}] the [{button} {activator} {dial} {knob}] {to release the concentrate into the diluent.} {Replace cap.} Shake to mix. [{Remove cap} {Flip top} {Pull top} {Peel film}] to open. [{Dispense contents into} [{bucket}, {bottle}, {or} {other} {container}]] {Squeeze bottle to dispense contents onto surfaces}. Keep cartridges in [{box} {dispenser} {holder}] until ready to use.

**{COARSE} TRIGGER SPRAYERS:** Fill bottle from dispenser. {Apply to surfaces according to directions above.}

## SPRAY USE INSTRUCTIONS:

### How to Assemble Extendable Trigger

1. Remove [cap] {sprayer} from bottle.
2. Insert end of tube into bottle until new cap meets bottle.
3. Twist cap onto bottle until secure.

### How to Spray

1. Adjust nozzle to ON (**Note to Reviewer:** *There will be an ON symbol here*) position as indicated on nozzle.
2. [To prime sprayer, direct nozzle toward surface to be treated and squeeze trigger several times until liquid is seen through the length of the tube. **Note:** Keeping sprayer head below the level of liquid in bottle will make priming easier.] {When priming, hold sprayer level to the ground. If held at an angle, sprayer will not prime.}

### After Use

1. Turn nozzle to OFF (**Note to Reviewer:** *There will be an OFF symbol here*) position.

(Spray Cap container language)

**Shake Well.** Remove sticker. Open flip cap. Firmly insert red hose tip.

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

(**Note to Reviewer:** *For pre-measured tear open packet only*)

**PACKETS:** [Simply] {Tear} open and] pour contents into X gal. of water. {Keep packets in box until ready to use.}

## STOCK SOLUTION INSTRUCTIONS:

### {For Spray Bottles:}

1. Fill stock [solution bottle] {mixing container} {insert bottle number} to indicated line with (X) [fl. oz.] {gal.} of water.
2. Pour contents of (X) pack(s) [of this product] {insert packet number} into stock [solution bottle] {mixing container}.
3. Fill {quart} [hand pump] {coarse} trigger spray bottle {insert bottle number} with (X) fl. oz. to water line.
4. Add (X) pump stroke(s) {(X) fl. oz.} from stock [solution bottle] mixing container}.

**Note:** Empty and rinse bottles before refilling.

### For [Mop] Buckets} {or} {Soaking} {Wiping} {Cloth} Containers]:

1. Fill [mop] bucket {insert bucket number} {container} to indicated line with {X} [fl. oz.] {gal.} of water.
2. Pour contents of (X) pack(s) [of this product] {insert packet number} into stock [solution bottle] {mixing container}.
3. Add (X) pump stroke(s) {(X) fl. oz.} from stock [solution bottle] {mixing container}.
4. {Soak clean {wiping} cloths between use.}
5. Prepare a fresh solution daily or when visibly dirty.

## REFILLS

**To Refill Concentrate from Large Containers into Smaller Containers:** This product 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**{PESTICIDE} STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

(**Note to Reviewer:** *One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.*)

{For residential/household use ONLY}

Non-Refillable Container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

{For products with industrial, institutional, commercial use - May choose appropriate non-refillable/refillable statement.}

{For non-refillable containers equal to or less than 5 gal.}

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

{For non-refillable containers greater than 5 gal.}

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ 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. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

{For non-refillable packets, bag-in-box, and other sealed containers}

**(Note to Reviewer:** Sealed containers are designed to reduce worker exposure to the concentrate. None of these types of containers can be triple rinsed because they are closed, welded, sealed containers.)

Non-Refillable Container. Do not reuse or refill this container. {Wrap empty container and} Put in trash or offer for recycling.

{Refillable containers}

Refillable Container. Refill this container with this product 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. To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank. Fill container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

## EMERGING VIRAL PATHOGEN CLAIMS

**(Note to Reviewer:** None of the language in this section is to appear on any final printed label.)

This product qualifies for emerging viral pathogen claims per EPA's "Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens Not on EPA-Registered Disinfectant Labels" when used according to the appropriate directions for use, as indicated below.

This product meets the criteria to make claims against emerging viral pathogens from the following viral categories:

- Enveloped viruses
- Large non-enveloped viruses

<i>For an emerging viral pathogen that is a(n)...</i>	<i>...follow the use directions for the following organisms on the label:</i>
Enveloped virus	Canine Parvovirus {(VR-2017)}
Large non-enveloped virus	Canine Parvovirus {(VR-2017)}

The following statements may be used only in off-label communications as described in EPA's Emerging Viral Pathogens guidance, and only under the conditions outlined in that guidance:

- *(Product name)* has demonstrated effectiveness against viruses similar to *(insert name of emerging virus)* on hard, nonporous surfaces. Therefore, *(product name)* can be used against *(insert name of emerging virus)* when used in accordance with the directions for use against Canine Parvovirus {(VR-2017)} on hard, nonporous surfaces. Refer to the [{CDC} {OIE}] website at *(insert pathogen-specific website address)* for additional information.
- *(Insert name of illness/outbreak)* is caused by *(insert name of emerging virus)*. *(Product name)* kills similar viruses and therefore can be used against *(insert name of emerging virus)* when used in accordance with the directions for use against Canine Parvovirus {(VR-2017)} on hard, nonporous surfaces. Refer to the [{CDC} {OIE}] website at *(insert pathogen-specific website address)* for additional information.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter, goggles or a face shield, coveralls over a long sleeve shirt and long pants, socks, chemical resistant footwear and chemical resistant gloves. Wear a chemical-resistant apron when mixing and loading or applying this product. 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.

## ENVIRONMENTAL HAZARDS

*(If container is equal to or greater than 5 gal., the following statement must appear on the label.)*

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

*(If container is less than 5 gal., use the following as an alternate to the above statement.)*

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp.

## {SPANISH ADVISORY STATEMENTS}

*(Note to Reviewer: This statement is optional except when used on labels with agricultural uses.)*

{SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE.  
IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.}

## GRAPHICS AND ICONS

*(Note to Reviewer: These are representative icons for use sites/application methods listed in the location/surfaces section of this label that may appear on the label with the appropriate directions for use, PPE, or package type.)*

{Picture of Gloved Hand and  
Spray Bottle}

{Picture of Gloved Hand and  
Towel}

{Disinfectant Logo}

{Picture of Mop and Bucket}

{Baby Drowning in Bucket  
Warning Graphic}

{Recycling Logo}

{Made in USA Logo/Flag}

*(Note to Reviewer: The following may be used only if the supplemental registrant has obtained a Kosher/NSF listing. Allowed on back or side panel only.)*

{Kosher Logo}

{NSF Logo}

{NSF Listed}

{(Insert 6-Digit NSF Listing Number Here)}

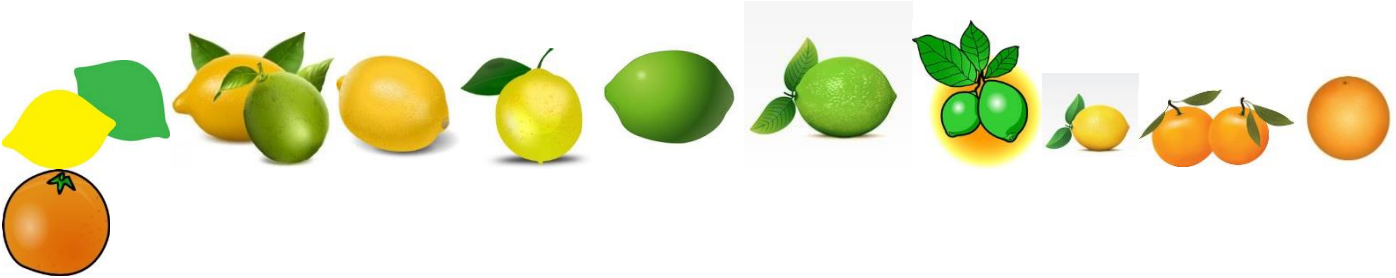
**Fragrance graphics:**

*(Note to Reviewer: These are representative icons/descriptions that may appear on the label with the appropriate formula fragrance.)*

**Floral Scent**



**Lemon/Lime/Orange/Citrus Scent**



**Pine Scent**



**Tropical/Fresh Scent**



**Mint/Wintergreen Scent**



**Lemon/Cherry/Apple Scent**



**Lavender**



**Clean**



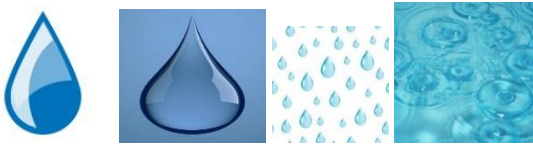
**Coast**



**Ocean**



**Rain**



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**WARRANTY STATEMENT**

*(Note to Reviewer: These statements are optional.)*

Read Product Safety Data Sheet prior to use, PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND on the Product Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.

Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILIDAD SE ENCUENTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistente con la ley, el uso del producto significa acuerdo con estas disposiciones.