

# MAQUAT<sup>®</sup> 10

For Hospitals, Nursing Homes, Whirlpool, Toilet Bowl Disinfection, Institutional, Industrial, School, Dairy, Equine, Poultry/Turkey Farm, Veterinary, Restaurant, Food Handling and Process Areas, Meat and Poultry Plants, Bar and Institutional Kitchen Use and for Sanitizing Ice Machines. Formulated for effective Poultry Sanitation. Formulated for effective Swine Premise Sanitation.

**Cleaner • Disinfectant • Food Contact, Non-Food Contact Sanitizer  
• Deodorizer • Fungicide • Mildewstat • Virucide**

**ACTIVE INGREDIENTS:**

Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
Dimethyl Benzyl Ammonium Chloride .....5.0%  
Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
Dimethyl Ethylbenzyl Ammonium Chloride .....5.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

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

**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. Call a poison control center or doctor for treatment advice.

**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 SWALLOWED:** 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. Call a poison control center or doctor immediately for treatment advice.

**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 treatment advice.

**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}}.



Read label before using

**MASON CHEMICAL COMPANY**  
"THE QUATERNARY SPECIALISTS"  
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Arlington Heights, IL 60005  
847-290-1621

Canadian Agent:  
**Cambrian Solutions, Inc.**  
627 Lyons Lane, Suite 300  
Oakville, ON L6J 5Z7  
905-338-3172

Net Contents:  
Batch/Lot No.  
Expiry Date:

{Product of USA} {Made in the USA}

# MAQUAT<sup>®</sup> 10

## ORGANISM LIST

**GENERAL DISINFECTION PERFORMANCE:** This product kills the following bacteria in 10 minutes at 88.72 mL per 18.93 L of water {(469 ppm active)} and 5% soil on hard, non-porous surfaces:

*Campylobacter jejuni* {(ATCC 29428)}  
*Escherichia coli* O157:H7 {(ATCC 31250)}  
*Listeria monocytogenes* {(ATCC 984)}  
*Proteus mirabilis* {(Clinical Isolate)}  
*Salmonella enterica* {(ATCC 10708)}  
*Staphylococcus aureus* {(ATCC 6538)}  
*Staphylococcus aureus* {Methicillin Resistant} {(MRSA)}  
{(ATCC 33591)}  
*Yersinia enterocolitica* {(ATCC 23715)}

**DISINFECTION:** This product kills the following bacteria in 10 minutes at 118 mL per 18.93 L of water {(625 ppm active)} and 5% soil on hard, non-porous surfaces:

*Botrytis cinerea* {(ATCC 12481)}  
*Burkholderia cepacia* {(ATCC 25416)}  
*Campylobacter jejuni* {(ATCC 29428)}  
*Corynebacterium ammoniagenes* {(ATCC 6871)}  
*Enterococcus faecium* {Vancomycin Resistant} {(VRE)}  
{(Clinical Isolate)}  
*Escherichia coli* O157:H7 {(ATCC 35150)}  
*Klebsiella pneumoniae* {(ATCC 13883)}  
*Listeria monocytogenes* {(ATCC 984)}  
*Proteus mirabilis* {(Clinical Isolate)}  
*Pseudomonas aeruginosa* {(ATCC 15442)}  
*Salmonella enterica* {(ATCC 10708)}  
*Salmonella typhi* {(ATCC 6539)}  
*Shigella sonnei* {(ATCC 9290)}  
*Staphylococcus aureus* {(ATCC 6538)}  
*Staphylococcus aureus* {Methicillin Resistant} {(MRSA)}  
{(ATCC 33591)}  
*Staphylococcus aureus* {Community Associated Methicillin Resistant} {(CA MRSA)} {(Genotype USA400)}  
*Yersinia enterocolitica* {(ATCC 23715)}

**VIRUCIDAL PERFORMANCE:** This product kills the following viruses in 10 minutes at 118 mL per 18.93 L of water {(625 ppm active)} and 5% soil on hard, non-porous surfaces:

Avian Influenza A {(H5N1)} Virus  
Avian Influenza A/Turkey/Wisconsin Virus {(VR-798)}  
Hepatitis B Virus {(HBV)}  
Hepatitis C Virus {(HCV)}  
Herpes Simplex Type 1 Virus {(VR-260)}  
Herpes Simplex Type 2 Virus {(VR-734)}  
Human Coronavirus {(VR-740)}  
Human Immunodeficiency Virus Type 1<sup>†</sup> {(HIV-1)} {(AIDS Virus)}  
Influenza A {(H1N1)} Virus {(VR-1469)}  
Influenza A<sub>2</sub>/Japan Virus {(VR-100)}  
Vaccinia Virus {(Clinical Isolate)}

<sup>†</sup>Indicates a 2-minute contact time is required for this claim.

**ANIMAL PREMISE VIRUCIDAL PERFORMANCE:** This product kills the following viruses in 10 minutes at 118 mL per 18.93 L of water {(625 ppm active)} and 5% soil on hard, non-porous surfaces:

Avian Influenza A {(H5N1)} Virus  
Avian influenza A/Turkey/Wisconsin Virus {(VR-798)}  
Avian Reovirus {(VR-2449)}  
Bovine Viral Diarrhea Virus {(VR-534)}  
Canine Coronavirus {(VR-809)}  
Canine Distemper Virus {(USDA Reference Virus)}  
Equine Arteritis Virus {(VR-796)}  
Infectious Bovine Rhinotracheitis Virus {(IBR)}{(VR-188)}  
Infectious Bronchitis Virus {(Strain Beaudette IB42)}  
Infectious Laryngotracheitis Virus {(Strain LT-IVAX)}  
Newcastle Disease Virus {(Clinical Isolate)}  
Porcine Respiratory & Reproductive Virus {(USDA Reference Virus)}  
{(PRRSV)}  
Porcine Rotavirus {(VR-893)}  
Pseudorabies Virus {(VR-135)}  
Transmissible Gastroenteritis Virus {(TGE)}

**FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective food contact sanitizer in 1 minute at 29.5 mL per 15.14 L of 500 ppm hard water {(200 ppm active)} on hard, non-porous surfaces:

*Aeromonas hydrophila* {(ATCC 23213)}  
*Campylobacter jejuni* {(ATCC 29428)}  
*Clostridium perfringens* {(vegetative)} {(ATCC 13124)}  
*Enterobacter sakazakii* {(ATCC 29544)}  
*Enterococcus faecalis* {Vancomycin Resistant} {(VRE)} {(ATCC 5129)}  
*Escherichia coli* {(ATCC 11229)}  
*Escherichia coli* O26:H11 {(ATCC BAA-1653)}  
*Escherichia coli* O45:K-:H- {(ECL 1001)}  
*Escherichia coli* O103:K-:H8 {(ATCC 23982)}  
*Escherichia coli* O111:H8 {(ATCC BAA-184)}  
*Escherichia coli* O121:K-:H10 {(ECL 39W)}  
*Escherichia coli* O145:H28 {(ATCC BAA-1652)}  
*Escherichia coli* O157:H7 {(ATCC 43888)}  
*Listeria monocytogenes* {(ATCC 984)}  
*Salmonella typhi* {(ATCC 6539)}  
*Shigella dysenteriae* {(ATCC 9361)}  
*Staphylococcus aureus* {(ATCC 6538)}  
*Streptococcus pyogenes* {(ATCC 12344)}  
*Yersinia enterocolitica* {(ATCC 23715)}

**NON-FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective one-step sanitizer in 3 minutes at 29.5 mL per 15.14 L of water {(200 ppm active)} and 5% soil on hard, non-porous surfaces:

*Staphylococcus aureus* {(ATCC 6538)}  
*Enterobacter aerogenes* {(ATCC 13048)}

**FUNGICIDAL PERFORMANCE:** This product kills the following fungi in 10 minutes at 118 mL per 18.93 L of water {(625 ppm active)} and 5% soil on hard, non-porous surfaces:

*Trichophyton mentagrophytes* {(ATCC 9533)} {(Athlete's foot fungus)}  
{(a cause of Ringworm)}

**MILDEWSTATIC PERFORMANCE** This product controls the following mold in 10 minutes at 118 mL per 18.93 L of water {(625 ppm active)} and 5% soil on hard, non-porous surfaces:

*Aspergillus niger* {(ATCC 6275)}

## MARKETING CLAIMS {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} {sanitize} {deodorize}]} {is formulated for use}] on {washable} hard, non-porous surfaces such as: *(insert surface)*

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

{With Organic Soil {Load} {Tolerance}}{For} *(insert location)*

### {LOCATIONS}

- Airline terminals, airports, bus stations, train stations, transportation terminals, public facilities, shipping terminals, travel rest areas, waysides
- Automobiles, cars, trucks, campers, RV's, trailers, automotive garages, auto repair centers, bicycle shops
- Boats, ships, barges, cruise lines, cruise ships, watercraft
- Boxcars, tankers, and tank trucks
- Buses, public transportation, trains, taxis, airplanes, helicopters
- Delivery trucks, garbage trucks, maintenance vehicles
- EMS & fire facilities, emergency vehicles, ambulances, police cars, fire trucks
- Police stations, crime scenes, courthouses, correctional facilities, municipal government buildings, prisons, jails, penitentiaries, correctional institutions
- Recycling centers
  
- Athletic facilities, locker rooms, exercise rooms, exercise facilities, gyms, gymnasiums, field houses
- Banks, churches, libraries, post offices
- Campgrounds, playgrounds, recreational facilities, picnic facilities
- Day care centers, {children} nurseries, kindergartens, and preschools
- Funeral homes, morgues, mortuaries, burial vaults, mausoleums, cadaver processing areas
- Health clubs, spas, tanning salons, tanning spas, tanning beds, massage/facial salons, hair/nail/pedicure salons, barber/beauty shops, salons, foot spas, tattoo parlors. *(Not for use on needles or other skin piercing instruments)*
- Hotels, motels
- Laundry facilities, washing machines, clothes washing machines, commercial laundries, coin-operated laundries, laundry cleaning facilities
- Museums, art galleries, performance/theater centers, movie houses, bowling alleys
- Schools, colleges, dormitories, classrooms, community colleges, universities
- Sports arenas, sports complexes
- Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms, photocopy centers
- Restaurants, bars, kitchens, taverns, cafeterias, institutional kitchens, fast food operations, food storage areas, catering, bakeries
- 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
  
- Businesses, office buildings, workstations, break rooms, public restrooms, janitorial rooms
- Commercial florist and flower shops
- Cosmetic manufacturing facilities, medical device manufacturing facilities, biotechnology firms, pharmaceutical manufacturing facilities
- Factories, computer manufacturing sites, toy factories, warehouses
- Institutional, commercial, industrial, institutions, commercial sites, industrial sites, institutional facilities, public places
- Laboratories
  
- Basements, cellars, bedrooms, attics, garages, living rooms, and porches
- Bathrooms, restrooms, shower rooms, shower and bath areas
- Homes, households, condos, apartments, mobile homes, vacation cottages, summer homes
- Kitchens, bathrooms and other household areas
- Dairy, equine, poultry/turkey farms
- Farmhouses, barns, sheds, tool sheds, {cattle} {swine} {sheep} {horse} barns, pens and stalls, swine quarters, livestock or equine quarters, brooder houses, and veal, calving, hog, cattle and horse operations, chick vans, egg trucks, hatchery and farm vehicles

- Federally inspected meat and poultry plants
- Food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores, wineries
- Food handling and process Areas
- Food processing plants, federally inspected food-processing facilities, federally inspected meat and poultry plants, egg processing plants, poultry and turkey housing areas, goat or dairy cattle housing areas, hog barns, meat/poultry processing plants, rendering plants, poultry and animal dressing plants, canneries, meat packing plants, hide and leather processing plants
- 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 and scales.
- 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 and 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
- Hospitals, nursing homes, medical and dental offices and clinics, healthcare facilities, physician offices, operating rooms/theaters, radiology rooms, isolation wards, quarantine areas, hospices, medical research facilities, washing areas, ICU areas, autopsy rooms, acute care institutions, alternate care institutions, home healthcare institutions, sick rooms
- Life care retirement communities, elder care centers, elder care facilities
- Patient care rooms & facilities, recovery rooms, Emergency Rooms, x-ray cat labs, exam rooms, newborn nurseries, neonatal units, orthopedics, respiratory therapy, surgical centers, out-patient surgical centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, ophthalmic/optometric facilities

#### {SURFACES}

- {Countertops} {counters}, countertop laminates, stovetops {stoves}, {bathroom, kitchen} sinks, tub surfaces, shelves, racks, carts, appliances, refrigerators, microwave ovens
- Dishes, {glassware}{glasses}, 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®
- 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 polycarbonate, 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
- Highchairs, baby cribs, diaper changing stations, infant bassinets/cribs/warmers/incubators/care equipment, folding tables, hampers, laundry pails, empty diaper pails
- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet seats, toilet bowls, toilet bowl surfaces, urinals, portable and chemical toilets and latrine buckets, vanity tops, and restroom fixtures, bathroom fixtures, bathroom bowls, basins, tubs
- Tables, chairs, desks, folding tables, bed frames, lifts, washable walls, cabinets, doorknobs and garbage cans/pails, trash barrels, trash cans, trash containers, cuspidors spittoons, industrial waste receptacles and garbage handling equipment, shelves, racks and carts, door knobs and handles
- Sealed foundations, steps, plumbing fixtures, finished baseboards and windowsills
- And other hard, non-porous surfaces
- Automobile interiors, mats, crates, cabs, and wheels
- Commercial florist pots, flats and flower buckets, work areas and benches
- Crypton Barrier fabric
- Footbath surfaces
- Hair clippers, cutting implements, plastic rollers, washable nail files
- Hard hats, headphones
- Hard, non-porous surfaces of picnic tables and outdoor furniture
- Kennel runs, cages, kennel/cage floors, conductive flooring, examination tables, veterinary x-ray tables, loading platforms, animal equipment

- Large inflatable, non-porous plastic and rubber structures such as animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment
- Maintenance equipment
- Non-wooden picnic tables and outdoor furniture except cushions and wood frames
- Playground equipment
- Slurpee® machines, drinking fountains
- tanning equipment
- Tattoo equipment (Not for use on needles or other skin piercing instruments)
- Telephones and telephone booths
- Ultrasonic baths, whirlpools, whirlpool bathtubs
- Wrestling and gymnastic mats, athletic mats, athletic training tables, physical therapy tables, exercise equipment, athletic helmets, wrestling/boxing headgear, athletic shoe soles, and surfaces within locker rooms {areas}
- 
- Beer fermentation and holding tanks, bottling or pre-mix dispensing equipment
- Citrus processing equipment and holding tanks
- Hatchers, setters, trays, racks, egg flats, chick boxes, egg cases, vans and trash containers, surfaces within seed houses, poultry/turkey equipment, carts, sexing tables, and automated tray, rack and buggy washers, surfaces within egg receiving and egg holding areas
- Harvesting & handling equipment
- Ice machines
- Kitchen equipment such as food processors, blenders, cutlery, trash compactors and other utensils
- Meat packing plant surfaces such as 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 process lines, chutes, conveyors, tallow and animal feed production surfaces, processed product and offal equipment surfaces, surfaces within fabrication and processing areas covering cold storage areas, stainless steel cut out and prep tables, and other stainless surfaces
- Surfaces within food {preparation} {and} {storage} areas
- Tobacco plant equipment
- Wine processing equipment and holding tanks
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- External lenses, vision correction devices including eyeglasses, protective eyewear, goggles, light lens covers, optical instruments/implements (Not for use on contact lenses.)
- 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, ambulance equipment/surfaces, medical equipment surfaces
- 
- Exhaust fans, refrigerated storage and display equipment, coils and drain pans of air conditioning, refrigeration equipment and heat pumps
- Humidifier water tanks
- Interior hard, non-porous surfaces of water softeners, reverse osmosis units, ice machines, water coolers, water holding tanks and pressure tanks

#### DISINFECTION MARKETING CLAIMS

- Athletic surface disinfectant.
- Antibacterial.
- Can be used to disinfect, clean and deodorize terrarium and small animal cages, substrate and other hard, non-porous cage [{equipment}] {furniture} {plastic terrarium ornaments} {heat caves} {and} {water dishes}. (Do not use on porous rocks, hot rocks, and driftwood.)
- Cleans, disinfects and deodorizes on hard, non-porous surfaces.
- Cleans, disinfects and deodorizes hard, non-porous surfaces by killing many odor-causing microorganisms.
- Cleans, disinfects and eliminates odors leaving hard, non-porous surfaces smelling clean and fresh.
- Cleans, disinfects and deodorizes hard, non-porous surfaces by killing odor causing microorganisms.
- Cleans, disinfects and deodorizes hard, non-porous {(hospital)} {medical} surfaces} in one step {with no rinsing required}.
- Cleans, disinfects and deodorizes hard, non-porous surfaces such as flower buckets, walls, floors of coolers, shippers, greenhouse packing areas, garbage pails, design and packing benches, and countertops, and other areas where obnoxious odors develop.
- Cleans and disinfects non-medical (i.e. industrial and firefighting) respirators in industrial, commercial and institutional premises.
- Cleans, sanitizes and disinfects hard, non-porous surfaces of personal protective safety equipment, protective headgear, athletic helmets, wrestling/boxing headgear, athletic shoe soles, hard hats, headphones, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors and ear muffs.
- Cleans, shines, deodorizes and disinfects all hard, non-porous {household} surfaces {listed on the label}.
- Delivers non-acid disinfection performance in an economical concentrate.

- Disinfects {Disinfectant}.
- Disinfects hard, non-porous athletic surfaces.
- Disinfects {and sanitizes} hard, non-porous kitchen surfaces {bathroom surfaces and floors}.
- Has demonstrated effectiveness against Influenza A {(H1N1)} Virus.
- Is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza A {(H1N1)} and other Influenza A viruses on hard, non-porous surfaces.
- Is a concentrated hospital use disinfectant that is effective against a broad spectrum of bacteria, is virucidal, {and} fungicidal mildewstatic, and eliminates odor causing bacteria when used as directed.
- Is a {concentrated} non-acid {bowl and} bathroom cleaner, which cleans, disinfects and deodorizes
- 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.
- Is a multi-surface cleaner, deodorizer and disinfectant.
- 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 surfaces.
- 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 treated surfaces.
- Is a one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal {including HIV-1, HCV & HBV} and inhibits the growth of mold and mildew and their odors when used as directed.
- Is a proven disinfectant, cleaner, sanitizer, mildewstat, and virucide.
- Is a versatile cleaner, sanitizer and broad-spectrum disinfectant formulated for use on bath and therapy equipment {(Whirlpools)}.
- Is a versatile disinfectant & sanitizer for veterinarian, veterinary practice, animal care, animal laboratory, and agricultural and farm premise applications.
- Is an effective [{bactericide} {and} {virucide} {disinfectant}{fungicide} {non-food contact sanitizer}] in the presence of [{organic soil} {5% {blood} serum}].
- 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.
- Is designed to provide both general cleaning and disinfection.
- Is for use as a disinfectant on hard, non-porous surfaces {at [{625} {469}] ppm active}.
- Is for use as a disinfectant on hard, non-porous surfaces {at [{625} {469}] ppm active} and as a sanitizer on dishes, glassware and utensils, public eating places, dairy processing equipment, and food processing equipment {at 200-400 ppm active}.
- 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.
- Is used to clean, sanitize and disinfect hard, non-porous ambulance equipment and surfaces
- Is used to disinfect hard, non-porous salon/barber tools and instruments such as combs, clippers, plastic rollers, brushes, trimmers, razors, scissors, blades, tweezers, baths, manicure instruments, pedicure instruments, and footbath surfaces.
- Is a versatile sanitizer and broad-spectrum disinfectant formulated for use in Ultrasonic Baths {Ultrasonic cleaning units}.
- Kills {insert virus name from approved organism listing for this product}.
- Kills {99.9% of}:
  - {any disinfection organism listed} {on hard, non-porous surfaces}.
  - {common} {household} {institutional} {kitchen} germs {on {the} sealed and non-porous floor{s}}.
  - {household} {institutional} {kitchen} bacteria –and/or– germs {{that get} tracked into your home} {by shoes –and/or– pets –and/or– kids} {from outside} {every day}.
  - {kitchen} {bathroom} {household} {institutional} bacteria {on {the} sealed and non-porous floor{s}} {ordinary dish soap can't}.
- Kills {Avian} Influenza A {Flu} Virus {(H5N1)} {(H1N1)} {(H3N2)}.
- Kills bacteria and helps prevent cross-contamination on {treated} non-food contact kitchen surfaces listed on this label.
- Kills {common} {kitchen} {bathroom} {household} [{germs} {bacteria} {and} {viruses}].
- Kills germs.
- Meets OSHA Bloodborne Pathogen Standard for HIV, HBV, and HCV.
- {One-Step} Disinfectant {Cleaner}
- Respiratory illnesses attributable Pandemic 2009 H1N1 {(formerly called Swine Flu)} are caused by Influenza A Virus.
- When used as directed, will disinfect metal clipper blades as well as many other hard, non-porous surfaces.

### SANITIZATION MARKETING CLAIMS

- At 29.5 mL of this product per 15.14 L of water {(200 ppm active)}, this product is effective with a 1 minute contact time as a food contact sanitizer in water up to 500 ppm hardness against *Escherichia coli* and *Staphylococcus aureus* on hard, non-porous surfaces.
- *Escherichia coli* {(E. coli)}, *Salmonella enterica* {(Salmonella)}, and *Staphylococcus aureus* {(Staph)} are common germs found where food is prepared and stored.
- [(Eliminates) (kills)] 99.999% of bacteria commonly found on hard, non-porous food contact kitchen surfaces {in 60 seconds}.
- For use as a Food Contact Sanitizer (at 200 ppm active on hard, non-porous surfaces {in 60 seconds}).
- Is a hard, non-porous non-food contact surface sanitizer.
- Is a hard, non-porous food contact surface sanitizer.
- Is an effective non-food contact sanitizer {in the presence of {{soils} {5% serum contamination}} on hard, non-porous non-food contact surfaces.
- Is [(for use as a) {an effective one-step}] non-food contact sanitizer {and cleaner} on hard, non-porous, non-food contact surfaces {(200 ppm active)}.
- Is for use as a sanitizer in bottling and beverage dispensing equipment, beer fermentation and holding tanks, sanitary filling of bottles and cans {in the final rinse application}, and for external spraying of filling and closing machines and in wineries for use on holding tanks, floors and processing equipment.
- Is for use as a Food Grade Egg Shell sanitizer, with best results achieved in water temperatures ranging from 43° - 61°C {(78°- 110°F)}.
- Kills 99.999% of bacteria like *Escherichia coli*, *Campylobacter jejuni*, *Escherichia coli* O157:H7, *Staphylococcus aureus*, *Listeria monocytogenes*, *Yersinia enterocolitica* and *Shigella dysenteriae* on hard, non-porous food contact kitchen surfaces in 60 seconds.
- Meets efficacy standards for hard, non-porous, non-food contact surface sanitizers.
- Regular, effective cleaning and sanitizing of equipment utensils and work or dining 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.
- Sanitizes hard, non-porous [(kitchen) {bathroom}] surfaces and floors).
- Sanitizing ice machines.
- To prevent cross contamination, kitchenware and on hard, non-porous 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.
- Use this product to sanitize hard, non-porous surfaces of food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage areas and display equipment and other hard surfaces.
- Where equipment and utensils are used for preparation of foods on a continuous or production line basis, utensils and hard, non-porous 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 particle accumulation.

### HOUSEHOLD MARKETING CLAIMS

- Is effective against household [(germs) {bacteria}].
- Is great for use [(on) (in the)] [(kitchen), {bathroom}, {floors} {and} {other household areas}].
- For a cleaner, fresher household.

### GENERAL MARKETING CLAIMS

- Can be applied through foaming apparatus, low-pressure sprayers and fogging {wet misting} systems. Follow manufacturers' instructions when using this equipment.
- Clear formula. (To be used only when no dyes are present)
- Contains no fragrances.
- Contains no phosphorous.
- Contains no [(abrasives) {bleach} {harsh acids} {phosphates}] {so it won't scratch surfaces}.
- Formulated for effective Mushroom Farm Sanitation.
- Formulated for effective Poultry Sanitation.
- Formulated for effective Swine Premise Sanitation.
- Has been designed specifically where housekeeping is of prime importance.
- Helps to maintain blades that operate with reduced friction and with smoother clipping action.
- Is an economical concentrate that can be used with a mop and bucket, trigger sprayers, sponge or by soaking.
- Is designed for use in pet salons, animal hospitals, barber and beauty shops.
- Is efficient and stable in use dilution.
- Is especially useful for colored textiles that cannot be bleached.
- Is for larger areas such as operating rooms and patient care facilities.

- Is for use on hard, non-porous surfaces in household and commercial humidifiers.
- Is fragrance-free.
- Is non-staining.
- Non-abrasive formula will not [{harm} {scratch}] surfaces.
- Non-dulling formula eliminates the time and labor normally required for rinsing floors.
- Soiled and contaminated fabrics, such as diapers, hospital and institutional linen, and athletic apparel, is of major housekeeping concern, not only in hospitals, but in institutions, hotels, restaurants and schools.
- Use this product on the multi-touch hard, non-porous surfaces 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

(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 {and shines} {without bleaching} {by {removing} {dirt} {grime} {and food soils in food preparation and processing areas}} {everyday kitchen messes} {non-food contact kitchen surfaces and food preparation areas} {like dirt, grease and food stains}.
- 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.
- Cleans rodent soiled areas.
- Cleans without bleaching.
- Cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood and other organic matter commonly found in *(insert site from Locations)*.
- Controls the build-up of bacteria and algae in water tanks of portable, {evaporative} humidifiers.
- Deodorizes {Deodorant}.
- Inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.)
- Is a cleaner and [{deodorant} {odor-counteractant} {odor-neutralizer}] designed for [{general cleaning}, {and} {disinfecting}], {deodorizing} {and controlling mold and mildew}] on hard, non-porous surfaces.
- Is a floor cleaner.
- Is a one-step cleaner.
- Is effective against odors caused by animal waste, septic tank or sewage backup, smoke, bathroom and kitchen odors.
- Is effective at controlling [{mold and mildew} {odor}] on shower curtains.
- Is for non-scratch cleaning of showers and tubs, shower doors and shower curtains, fixtures and toilet bowls.
- Is for use as a cleaner {deodorizer} on rugs, floors, walls, tile, cages, crates, mats, litter boxes, floor coverings, or any hard, non-porous surfaces soiled by a pet.
- Is formulated to provide effective cleaning strength that will not dull high gloss floor finishes with repeated use.
- Is for use in work areas such as tool rooms and garages for odor control and light duty cleaning.
- Kills odor causing bacteria in the [{kitchen} {bathroom} {household}].
- [{Malodor Activity} {Odor} {Counteract}] – [{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.}
- [{Maximizes} {improves}] labor results by effectively controlling odors.
- Neutralizes musty odors and tough odors from smoke, pet accidents, and spills on contact.
- Non-Acid Bathroom Cleaner.
- 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.
- Easy to Use.
- Economy size.
- Fewer products – no need for separate deodorizer.
- For use in [{automated dilution systems} {automated} {dilution systems} {*(Dilution System trade name)*}]
- Makes *(insert value)* [{Liters}{Containers}]
- This [{container} {bottle}] is made of {at least} (x)% post-consumer recycled plastic.



## DIRECTIONS FOR USE

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

Use	Dilution	Contact Time
Hospital or Medical Environment claims, Public Health Virucidal claims, Animal Virucidal claims, Fungicidal claims and Mold and Mildew claims	118 mL per 18.93 L (124.6 mL per 20 L)	10 minutes
General Disinfection	88.72 mL per 18.93 L (93.7 mL per 20 L)	10 minutes
Non-Food Contact Sanitizing claims,	29.5 mL per 15.14 L (39 mL per 20 L)	3 minutes
Food Contact Sanitizing claims at 200 ppm	29.5 mL per 15.14 L (39 mL per 20 L)	1 minute
Food Contact Sanitizing claims at 400 ppm	59 mL per 15.14 L (77.9 mL per 20 L)	1 minute

### HOSPITAL/HEALTH CARE/MEDICAL/NON-MEDICAL

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.

#### FOR USE AS A {ONE-STEP} {GENERAL} {HOSPITAL} {MEDICAL} DISINFECTANT {VIRUCIDE} {CLEANER}:

1. Pre-clean heavily soiled areas.
2. [{Prepare a solution according to SIMPLEMIX® System Container instructions.} Apply use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)}} {(625 ppm active)} to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, {by immersion}, {auto scrubber}, {{mechanical spray device,} {{{hand pump} {coarse}}} trigger spray device}. For spray applications, spray 15-20 cm from surface. Do not breathe spray.
3. Treated surfaces must remain 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.

#### BLOODBORNE PATHOGEN INSTRUCTIONS

**KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS 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 hard, non-porous 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, HBV and HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

**Personal Protection:** [{Wear protective latex gloves, gowns, masks and eye protection} {Specific barrier protection items to be worn 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 & HCV} must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product.

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

**Contact Time:** Allow hard, non-porous surface to remain wet for 2 minutes to kill HIV and for 10 minutes to kill all other viruses and bacteria listed on the label.

**SURGICAL INSTRUMENT PRESOAK:** [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Add] [Mix] 118 mL per 18.93 L of water (or equivalent use dilution) (625 ppm active). Place pre-cleaned instruments in solution to presoak surgical instruments for a minimum of 10 minutes, then proceed with normal sterilization procedure.

**Note:** Plastic instruments can remain immersed until sterilization procedure. Metal instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle until sterilization procedure. Prolonged soaking will cause damage to metal instruments. Surgical instruments must be sterilized before use. Prepare a fresh solution daily or when visibly dirty.

**ULTRASONIC BATH DISINFECTANT DIRECTIONS:** Pre-clean heavily soiled areas. Use this product to disinfect hard, non-porous non-critical objects compatible with Ultrasonic cleaning units. [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Pour a fresh solution of 118 mL per 18.93 L (or equivalent use dilution) (450 ppm active) directly into bath chamber. Place objects into unit and operate (according to manufacturers' use directions) for a minimum of 10 minutes. Remove objects and rinse with sterile water. Allow to air dry. Prepare a fresh solution daily or when visibly dirty.

**FOR DISINFECTING USE ON HARD, NON-POROUS (SEALED FIBERGLASS) BATH AND THERAPY EQUIPMENT:** Drain the water from the unit. Pre-clean heavily soiled surfaces (to remove body oils, dead tissue, soil and all other buildups). [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Prepare a use solution by adding (118 mL) (one – 118 mL packet) of this product per every 18.93 L (5 gal.) of water (or equivalent use dilution) (625 ppm active)]. Refill the unit with the use solution to just cover the intake valve. Briefly start the pump to circulate the solution. Turn off pump. Wash down the unit sides, seat of the chair lift, and all related equipment with a clean swab, brush or sponge. 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 surfaces with fresh water. The unit is ready for reuse.

**CLEANING AND DISINFECTING HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT ((RESPIRATORS)):** Pre-clean equipment, if heavily soiled to ensure proper surface contact. [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Prepare a use solution by adding 118 mL per 18.93 L of water (or equivalent use dilution) (625 ppm active)]. Gently mix for uniform use solution. Apply use solution to surfaces of the respirator with a sponge, brush, cloth, mop, (by immersion), (auto scrubber), (mechanical spray device,) ((hand pump) (coarse)) trigger spray device). For spray applications, spray 15-20 cm from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.

- Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 67°C (or 120°F)), and allow to air dry. (Precaution: Cleaning at 67°C (or 120°F) temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)

## GENERAL DISINFECTION

**FOR USE AS A GENERAL DISINFECTANT (CLEANER) (TO KILL *Salmonella enterica* (ATCC 10708) and *Staphylococcus aureus* (ATCC 6538)) ON HARD, NON-POROUS SURFACES:**

1. Pre-clean surfaces.
2. [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Apply (use solution of) (88.72 mL (one 88.72 mL packet)) of this product per 18.93 L (5 gal.) of water (or equivalent use dilution) (469 ppm active)] to hard, non-porous surfaces using a sponge, brush, cloth, mop, (by immersion), (auto scrubber), (mechanical spray device,) ((hand pump) (coarse)) trigger spray device). For spray applications, spray 15-20 cm from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. [(Wipe dry) (with a clean cloth) (or) (Allow to air dry).]
5. Prepare a fresh solution daily or when visibly dirty.

## FOOD PROCESSING PREMISES

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.

**FOR USE AS A DISINFECTANT (VIRUCIDE) (CLEANER) IN ((FOOD PROCESSING PLANTS/PREMISES) (RENDERING AND DRESSING PLANTS) (TOBACCO PREMISES) (FOOD SERVICE ESTABLISHMENTS) (FOOD STORAGE AREAS AND EQUIPMENT)):**

1. Pre-clean heavily soiled areas.
2. Apply use solution of 118 mL per 18.93 L of water (or equivalent use dilution) to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, (by immersion), (auto scrubber), (mechanical spray device,) ((hand pump) (coarse)) trigger spray device). For spray applications, spray 15-20 cm from surface. Do not breathe spray.
3. Treated surfaces must remain 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. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, dishes or interior surfaces of processing equipment.
6. Prepare a fresh solution daily or when visibly dirty.

## SANITIZING

### FOOD CONTACT {AND TOBACCO PROCESSING EQUIPMENT} SANITIZING DIRECTIONS

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 or compatible cleaner, followed by a potable water rinse before applications of the sanitizing solution.

**FOOD CONTACT SANITIZING DILUTION TABLE {FOR HARD, NON-POROUS FOOD CONTACT SURFACES, PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT FOOD PROCESSING EQUIPMENT AND UTENSILS}**: To prepare a 200 or 400 ppm active solution use the following dilution [table] {and} {or} {list}. Prepare the correct dilution rate based upon the appropriate use site.

#### FOOD CONTACT SANITIZING DILUTION TABLE

Active solution	3.78 L	20 L
200 ppm	7.5 mL	39 mL
400 ppm	15 mL	77.9 mL

(OR)

#### {DILUTION LIST}

29.5 mL per 15.14 L of water {(200 ppm active quat)}{(or equivalent use dilution)}

(OR)

59 mL of this product per 15.14 L of water {(15 mL per 3.78 L)} {(400 ppm active quat)} {(or equivalent use dilution)}

#### TO SANITIZE HARD, NON-POROUS FOOD CONTACT SURFACES, {FOOD PROCESSING EQUIPMENT} {AND} {OTHER HARD, NON-POROUS SURFACES IN FOOD PROCESSING LOCATIONS}, {DAIRIES}, {RESTAURANTS} {AND} {BARS} {IN A THREE COMPARTMENT SINK}

Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 7.5 mL per 3.78 L water (200 ppm) for at least 1 minute. Allow sanitized surfaces to adequately drain {and then air dry} before contact with food {so that little or no residue remains}. Do not rinse.

For articles too large for immersing, apply a use solution of 7.5 mL per 3.78 L water (200 ppm) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, {mechanical spray device, {[hand pump} {coarse}] trigger spray device}. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain {and then air dry} before contact with food {so that little or no residue remains}. Do not rinse.

Prepare a fresh solution daily or when visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications.

#### FOOD SERVICE SANITIZATION RECOMMENDATIONS CLEANING AND SANITIZING

1. Thoroughly wash equipment and utensils in a hot detergent solution.
2. Rinse utensils and equipment thoroughly with potable water.
3. Sanitize equipment and utensils by immersion in 7.5 mL per 3.78 L water (200 ppm) for at least 1 minute at a temperature of 23.89°C (75°F).
4. For equipment and utensils too large to sanitize by immersion, apply use solution of *(Insert appropriate food contact dilution from list)* {(or equivalent use dilution)} by rinsing, spraying or swabbing until thoroughly wetted for 1 minute.
5. {Allow sanitized surfaces to adequately drain {and then air dry} before contact with food.} Do not rinse.
6. Prepare a fresh solution daily or when visibly dirty.

#### CLOSED LOOP {CIRCULATION} SANITIZING {- FOOD PROCESSING EQUIPMENT FLOW/PRESSURE METHOD}

1. Disassemble equipment and thoroughly clean after use.
2. Assemble equipment into operational position prior to sanitizing.
3. Prepare a sanitizing solution equal to 110% of the volume capacity of the equipment by diluting 7.5 mL per 3.78 L water (200 ppm).
4. Pump the solution through the system until full flow is obtained at all extremities and the system is completely filled with sanitizer and all air is removed. Surfaces must remain wet for at least 1 minute.

#### **CLEAN-IN-PLACE (CIP) METHOD {FOR} {DAIRY}, {DAIRY FARM} AND {FOOD PROCESSING FACILITIES}:**

1. Thoroughly flush, clean and potable water rinse the system.
2. Prepare required volume of sanitizer solution needed by diluting 7.5 mL per 3.78 L water (200 ppm).
3. To sanitize entire system by circulation methods, run pumps for at least 2 minutes to thoroughly wet and sanitize all parts of the system.

#### **SANITIZING OF {REFRIGERATED} FOOD PROCESSING EQUIPMENT AND OTHER HARD, NON-POROUS SURFACES IN FOOD**

**CONTACT LOCATIONS:** For sanitizing {{food processing equipment,} {dairy equipment,} {refrigerated storage and display equipment} {and} {other}} hard, non-porous food contact surfaces, surfaces must be thoroughly pre-flushed or pre-scraped and, when necessary, presoaked to remove gross food particles.

1. Turn off refrigeration.
2. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing.
3. Apply a solution of 7.5 mL per 3.78 L water (200 ppm) by {coarse pump or trigger spray device,} direct pouring or by circulating through the system. For spray applications, spray 15 10 cm from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute.
4. [{Drain thoroughly before reuse} {Allow sanitized surfaces to adequately drain}] before contact with food/liquid. Do not rinse. Return machine to service.
5. Prepare a fresh solution daily or when visibly dirty.

#### **SANITIZATION OF INTERIOR HARD, NON-POROUS SURFACES OF [{ICE MACHINES}, {WATER COOLERS}, {WATER HOLDING TANKS}] {AND} {PRESSURE TANKS}:]**

**Ice Machines** – Sanitization must occur after initial installation, after the machine is serviced and periodically during its use.

1. Shut off incoming water line to machine and turn off refrigeration.
2. Wash with a compatible detergent and rinse with potable water before sanitizing
3. Apply a solution of 7.5 mL per 3.78 L water (200 ppm) by mechanical spray, direct pouring, or by circulating through the system.
4. Allow surfaces to remain wet or solution to remain in equipment for at least 1 minute. Drain thoroughly before reuse and allow sanitized surfaces to adequately drain {and then air dry} before contact with liquid.
5. 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. (**Note:** Use this direction only if applicable.)
3. Prepare a solution of 7.5 mL per 3.78 L water (200 ppm). Apply and/or circulate solution to wet all hard, non-porous surfaces for a minimum contact of 1 minute.
4. Allow sanitized surfaces to adequately drain {and then air dry} before contact with liquid. Do not rinse.
5. Return to service by opening incoming water lines.

#### **SANITIZATION OF INTERIOR HARD, NON-POROUS 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. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing.
2. Backwash the softener and add a solution of 7.5 mL per 3.78 L water (200 ppm) 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 181.7 L
3. Proceed with the normal regeneration or interrupt the cycle after the brining step and let the softener soak for a minimum of 1 minute.
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 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 a solution of 7.5 mL per 3.78 L water (200 ppm) and turn on raw water. **{Note:}** Standard system capacity is 3.785 L to 7.571 L
4. After holding tank is full, let system stand idle for a minimum of 1 minute. 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.

**BEVERAGE DISPENSING AND SANITARY FILLING EQUIPMENT SANITIZER DIRECTIONS:** For sanitizing hard, non-porous bottling or pre-mix dispensing equipment and bottles or cans in the final rinse application. This product is **[[to be proportioned into the final rinse water line of the container washer or rinser] {for the exterior application for the filler and closing machine}]**. Remove gross filth and soil by pre-scrape and when necessary pre-soak. Fill equipment with a solution of 7.5 mL per 3.78 L water (200 ppm). Surfaces must remain wet for at least 1 minute or until operations resume at which time the sanitizing solution must be drained from the system. Allow sanitized surfaces to adequately drain **{and then air dry}** before contact with liquid. Do not rinse.

**{BEER FERMENTATION AND} STORAGE TANK SANITIZER DIRECTIONS:** For sanitizing hard, non-porous beer fermentation and holding tanks, wine, citrus and food processing storage and holding tanks. Remove gross filth and soil by pre-flush or pre-scrape and when necessary pre-soak. Wash with a compatible detergent and rinse with potable water before sanitizing. Prepare a solution of 7.5 mL per 3.78 L water (200 ppm) for mechanical or automated systems. **{Follow manufacturers' directions for use for application equipment.}** Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain before contact with **[[food] {liquid}]**. Do not rinse. 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 7.5 mL per 3.78 L water (200 ppm). The solution must be warmer than the eggs, but not to exceed 48°C. Wet eggs thoroughly and allow solution to drain. Eggs sanitized with this product 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. 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}] **[[CONVEYOR{S}] {BELTS}]**:** Remove gross food particles and excess soil by a pre-flush or pre-scrape. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water and then rinse equipment with a sanitizing solution. During processing apply 7.5 mL per 3.78 L water (200 ppm) 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 non-porous conveyor equipment. Allow surfaces to remain wet for at least 1 minute. Conveyors and other equipment must be free of product when applying this coarse spray.**

**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 or soak pre-washed **[[plastic], {latex} {or} {other} {synthetic} {rubber}]** non-porous gloved hands in a suitable clean container that contains enough freshly made sanitizing solution to cover the gloved hand area. Do not let sanitizing solution come into contact with exposed skin. Gloved hands must remain wet for at least 1 minute. Do Not Rinse. Prepare sanitizing solution by adding 7.5 mL per 3.78 L water. Prepare a fresh solution daily or when visibly dirty.

**GLOVE SPRAY SANITIZER DIRECTIONS:** 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 thoroughly to ensure sanitizing solution covers the exterior surfaces of the gloves prior to **[[usage] {wearing}]** using a coarse spray device. Do not let sanitizing solution come into contact with exposed skin. After applying solution, allow gloves to remain wet for at least 1 minute. Let air dry thoroughly before wearing gloves. Do not rinse. Prepare sanitizing solution by adding 7.5 mL per 3.78 L water (200 ppm) Prepare a fresh solution daily.

**GLOVE DIP/SPRAY SANITIZER DIRECTIONS:** To prevent cross contamination **[[from] {area to area} {in} {animals areas,} {and} the packaging and storage areas of food plants}]**, dip, soak or spray pre-washed **[[plastic], {latex} {or} {other} {synthetic} {rubber}]** gloves thoroughly to ensure sanitizing solution covers the exterior surfaces of the gloves prior to **[[usage] {wearing}]**. For spray applications, use a coarse spray device. Do not let sanitizing solution come into contact with exposed skin. After applying solution, allow gloves to remain wet for at least 1 minute. Let air dry thoroughly before wearing gloves. Do not rinse. Prepare sanitizing solution by adding 7.5 mL per 3.78 L water (200 ppm). Prepare a fresh solution daily or when visibly dirty.

## NON-FOOD CONTACT SANITIZING DIRECTIONS

**NON-FOOD CONTACT SANITIZING:** Pre-clean heavily soiled surfaces. [Prepare a solution according to SIMPLEMIX® System Container instructions.] Add 29.5 mL of this product to 15.14 L of water [(or equivalent use dilution)] (200 ppm active). Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, [by immersion], [auto scrubber], [(mechanical spray device), [(hand pump) [coarse]] trigger spray device]. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

**ULTRASONIC BATH SANITIZER DIRECTIONS:** Pre-clean heavily soiled surfaces. Use this product to sanitize hard, non-porous, non-critical objects compatible with Ultrasonic cleaning units. Pour a fresh solution of 29.5 mL of this product to 15.14 L [(or equivalent use dilution)] (200 ppm active) directly into bath chamber. Place objects into unit and operate for a minimum of 3 minutes, [according to manufacturers' use directions]. Remove objects and rinse with [sterile] water. [Allow to air dry.] Prepare a fresh solution daily or when visibly dirty.

**Note:** This product in its use solution is compatible with stainless steel, aluminum and most other hard, non-porous 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 SURFACES ON PERSONAL PROTECTIVE EQUIPMENT ((RESPIRATORS)):** Add 29.5 mL of this product to 15.14 L water [(or equivalent use dilution)] (200 ppm active). Gently mix for uniform solution. Apply solution to surfaces of the respirator with a sponge, brush, cloth, mop, [by immersion], [auto scrubber], [(mechanical spray device), [(hand pump) [coarse]] trigger spray device]. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Thoroughly wet surfaces to be sanitized. Treated surfaces must remain wet for 3 minutes. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.

**[(SHOE) (BOOT) (ENTRYWAY)] (BATH) SANITIZER DIRECTIONS:** To prevent cross contamination [(from) (area to area,) (in) (animal areas,) (entryways) (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 7.5 mL of this product per 3.78 L of water [(or equivalent use dilution)] (200 ppm active) use solution [or allow to remain wet] for 3 minutes prior to entering area. Prepare a fresh solution daily or when visibly dirty.

**FOR FOOT DIP OF WATER PROOF FOOTWEAR:** Use this product at 7.5 mL per 3.78 L of water in foot dip tray. Shoe baths must contain at least 2.5 cm of freshly made solution and be placed at the entrances to buildings. Scrape shoes and place in diluted solution [or allow to remain wet] for 3 minutes before entering building [or in entryways]. Prepare a fresh solution daily or when visibly dirty.

**SHOE FOAM DIRECTIONS:** To prevent cross contamination [(from) (area to area,) (in) (animal areas,) (entryways,) (and) (the packaging and storage areas of food plants)], apply a foam layer approximately 1.25 to 5 cm thick made from a solution of 29.5 to 44.25 mL of this product per 3.78 L of water [(or equivalent use dilution)] (781-1172 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 [or allow to remain wet] for 3 minutes prior to entering area. Foam area must be washed and replaced daily or when it appears visibly soiled or dirty.

**SHOE SPRAY SANITIZING DIRECTIONS:** For heavily soiled exterior surfaces of [(work boots) (shoes) (footwear)], [(scrape) (wipe)] with brush, sponge or cloth [or Neat Feet Clean Solution Welcome Mat] to remove excess dirt.

1. Hold pre-mixed sanitizer solution of 7.5 mL of this product per 3.78 L of water 15-22 cm away from sole of [waterproof] [(work boot) (shoe) (footwear)].
2. Lightly spray sole to thoroughly wet entire surface.
3. Repeat procedure on other sole.
4. Treated surfaces must remain wet for 3 minutes.
5. [(Allow to air dry) [(Wipe up) (Absorb) excess product (with clean cloth) (by stepping on Neat Feet Clean Shoe Solution Welcome Mat)]]].

**ENTRYWAY SANITIZING SYSTEMS:** To prevent cross contamination from area to area, set the system to deliver 7.5 mL of this product per 3.78 L of water [(or equivalent use dilution)] (400-800 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 with the sanitizing solution.

## FUNGICIDAL/MOLD/MILDEW

**TO KILL FUNGI:** Pre-clean hard, non-porous surfaces. [Prepare a solution according to SIMPLEMIX® System Container instructions.] [Prepare use solution by adding 118 mL per 18.93 L of water [(or equivalent dilution)]]]. Apply use solution to hard, non-porous surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces [(and let air dry)].

**TO CONTROL MOLD/MILDEW:** [To Control Mold and Mildew] (controls and prevents (inhibits) the growth of mold and mildew) [(Aspergillus niger) (ATCC 6275)] (and the odors caused by them when applied to hard, non-porous surfaces.) [(Prepare a solution according to SIMPLEMIX® System Container instructions.) (Prepare use solution by adding 118 mL per 18.93 L of water [(or equivalent

use dilution}}}. Apply use solution to pre-cleaned hard, non-porous surfaces for 10 minutes which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

**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, non-porous surfaces. Thoroughly clean surfaces with soap or detergent and rinse with water. Prepare a use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)}. Apply use solution by sponge, brush, cloth, mop, {by immersion}, {{mechanical spray device}, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Allow surfaces to remain wet for a period of 10 minutes. Do not use equipment until treatment has been absorbed, set or dried. Repeat treatment every seven days, or more often if new growth appears.

**TO CONTROL THE GROWTH OF MOLD AND MILDEW ON LARGE, INFLATABLE, NON-POROUS PLASTIC AND RUBBER STRUCTURES:** For use on non-porous plastic and rubber surfaces such as inflatable animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment. Thoroughly clean surfaces with soap or detergent and rinse with water. Apply a use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} by sponge, brush, cloth, mop, {{mechanical spray device}, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-22 cm from surface. Do not breathe spray. Allow surfaces to remain wet for a period of 10 minutes. Ventilate closed spaces. Do not use equipment until treatment has dried. For surfaces and/or objects that may come into direct contact with children at the mouthing stage of development, a rinse with potable water is recommended. Repeat treatment every seven days, or more often if new growth appears.

## ANIMAL PREMISES

### ANIMAL PREMISES:

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 solution according to SIMPLEMIX® System Container instructions.} {Prepare a use solution of 118 mL per 18.93 L of water}} {(or equivalent use dilution)} {{(625 ppm active)}}.

Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, {by immersion}, {{mechanical spray device}, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-22 cm 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 wet for 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house [{animals} {poultry} {livestock}] 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.

**HATCHERIES:** Use to treat hatching, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Use 118 mL per 18.93 L of water {(or equivalent use dilution)}. Leave all treated surfaces wet for 10 minutes or more. Allow to air dry.

**VEHICLES:** To clean hard, non-porous surfaces on vehicles including mats, crates, cabs, and wheels, use 118 mL per 18.93 L of water {(or equivalent use dilution)}. Apply use solution to hard, non-porous surfaces on vehicles. Leave treated surfaces wet for 10 minutes. Allow to air dry.

**DRESSING {/RENDERING} PLANT:** Disinfect equipment, utensils, walls and floors in poultry and animal dressing plants. Disinfect offal rooms, exterior walls and loading platforms of dressing plants. Cover or remove all food and packaging materials. Remove all heavy soils prior to application. Saturate surfaces with a solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} and scrub to loosen all soils. Surfaces must remain wet for 10 minutes, and then be thoroughly rinsed with potable water before operations are resumed.



**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 can eliminate 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, cages and other washable hard, non-porous surfaces} with the disinfecting and virucidal solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} {(625 ppm active)} so as to wet thoroughly.
4. Apply by cloth, mop, brush, sponge, {by immersion,} {auto scrubber,} {{mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-22 cm 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 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 small animal. If this product 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, 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 surfaces with soap or detergent and rinse with water. Apply disinfecting and virucidal solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} {(625 ppm active)} {to hard, non-porous surfaces of the [{enclosure} {tank}]}. Apply by cloth, mop, brush, sponge, by immersion, {auto scrubber,} {mechanical spray device,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-22 cm from surface. Do not breathe spray. Allow surfaces to remain 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.

#### **SANITIZER DIRECTIONS FOR NON-FOOD CONTACT SURFACES IN ANIMAL PREMISES**

**TO SANITIZE HOOF TRIMMING EQUIPMENT:** Prior to application, pre-clean 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, add [{7.5 mL} {one – 7.5 mL packet}] of this product to 3.78 L of water {(200 ppm active)} {(or equivalent use dilution)} and apply to hard, non-porous trimmer surfaces with a sponge, brush, cloth, {by immersion,} {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

### **FOGGING**

#### **{FOGGING IN FOOD PREMISES}**

**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.**

**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 disinfecting, fog desired areas using 946 mL per 28.3 cubic metres of room area with a solution containing 44.25 mL of product per 3.78 L of water {(1,171 ppm active)} {(or equivalent use dilution)}. 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. When fogging is complete, ventilate buildings and other closed spaces. All food contact surfaces must be sanitized with an approved food contact sanitizer solution prior to use. All food contact surfaces must be thoroughly rinsed with potable water prior to sanitizing.

**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, goggles, long sleeves, gloves and long pants.

## {FOGGING IN POULTRY HOUSES}

**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.**

**TREATMENT OF HATCHERY ROOMS USING FOGGING DEVICES:** Remove all animals and feed from premises, 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 surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix 6.654 L of this product per 15.14 L of 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 110 m<sup>3</sup> of space in the room. 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. When fogging is completed ventilate buildings and other closed spaces. Do not house [livestock] {animals} or employ equipment until treatment has been absorbed or dried. Thoroughly clean all treated surfaces with soap or detergent and rinse with water.

**TREATMENT OF 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 1.7 L of this product per 15.14 L of water {(or equivalent use dilution)}. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Fog 89-236 mL of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breathe this fog. It is acceptable to fog setters and hatchers with a 32.45 mL of this product per 3.78 L 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. 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. 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:** 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, goggles, gloves, long sleeves and long pants.

## BARBER/SALON

**FOR USE AS A DISINFECTANT, VIRUCIDE OF GROOMING CLIPPERS, HAIR CLIPPERS, ELECTRIC SHEARS, BARBER/SALON SHEARS AND OTHER IMPLEMENTS {, [{BARBER} {MANICURE} {NAIL} {SALON}] INSTRUMENTS AND TOOLS}:**

{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} {While clipper/shear is running, hold in the downward position and spray}] with a use solution. Do not spray on the clipper case or drip into clipper housing.} Immerse pre-cleaned barber/salon tools such as combs, brushes, {plastic rollers,} razors, [{clipper and/or trimmer} blades], {tweezers,} manicure/pedicure tools, scissors, and other salon instruments and tools in a use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} for at least 10 minutes. Rinse thoroughly and dry before use. Prepare a fresh solution daily or when visibly dirty.

**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.

**FOR USE AS A DISINFECTANT, VIRUCIDE OF HARD, NON-POROUS SURFACES IN FOOTBATHS:** To remove body oils, dead tissue, soil and all other buildups or organic matter on surfaces after using the footbath, drain the water and thoroughly clean surfaces with soap or detergent, then rinse with water. Apply a use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} on surfaces with a brush, cloth, mop, sponge, {{{hand pump} {coarse}} trigger spray device}. Brush or swab thoroughly and allow solution to stand for 10 minutes. For spray applications, spray 15-22 cm from surface. Do not breathe spray. After the unit has been thoroughly disinfected, rinse surfaces with fresh water. The unit is then ready for reuse.

## RESTROOM/BATHROOM

**NON-ACID TOILET BOWL {AND URINAL} DISINFECTANT {CLEANING} DIRECTIONS:**

Remove heavy soil prior to disinfection.

**From a Concentrate:** Add 23 mL of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet [{brush} {mop}], cloth, or sponge. Allow solution to stand for 10 minutes and flush.

**From a Use Solution:** Empty water out of toilet bowl or urinal and apply a use solution prepared by adding 29.5 mL of this product per 3.78 L of water {(or equivalent use dilution)} {(780 ppm active)} to exposed surfaces, including under the rim with a toilet [{brush} {mop}], cloth, or sponge, {{{hand pump} {coarse}} trigger spray device}. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Brush or swab thoroughly, then allow solution to stand for 10 minutes and flush.

**FOR HEAVY DUTY CLEANING OF TOILET BOWLS {AND URINALS}: Pre-clean heavily soiled areas. Empty toilet bowl or urinal and apply a use solution of 44.25 mL of this product per 3.78 L of water to exposed surfaces including under the rim with toilet [{brush} {mop}], cloth, or sponge, {(or mechanical spray device,} [{hand pump} {coarse}] trigger spray device). For sprayer application, spray 15-20 cm from surface. Do not breathe spray.} To aid in soil removal, allow to soak. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush.**

**{DEEP} CLEANING/DISINFECTING [{WATERFREE} {WATERLESS}] URINALS: Pre-clean heavily soiled surfaces. Remove and properly dispose of cartridge according to manufacturer's directions. Deep clean or disinfect the entire urinal by applying a use solution of 29.5 mL of this product per 3.78 L of water (780 ppm) directly onto surface. [{Brush} {Scrub}] surfaces and let solution stand for 10 minutes. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.**

**TO CLEAN WATERFREE {WATERLESS} URINALS: Remove any debris from the urinal. Spray 15-30 mL of use solution onto urinal surface. To prepare use solution: Add 29.5 mL of this product per 3.78 L of water {(or equivalent use dilution)} {(780 ppm active)}. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.**

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

1. Pre-clean heavily soiled areas.
2. Apply a use-solution of 118 mL of this product per 18.93 L of water {(625 ppm active)} {(or equivalent use dilution)} to floors, walls and ceilings making sure not to over spray. To disinfect, all hard, non-porous surfaces must remain wet for 10 minutes.
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. Prepare a fresh solution daily or when visibly dirty.

**DEODORIZATION/CLEANING**

**FOR USE AS A {GENERAL} CLEANER {AND/OR DEODORIZER}: [{Prepare a solution according to SIMPLMIX® System Container instructions.} {Prepare use solution of 88.5 mL of this product per 18.93 L of water}] 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}] 177 mL of this product per 18.93 L of water to clean hard, non-porous surfaces.**

**GENERAL DEODORIZATION: To deodorize, apply 88.5 mL of this product per 18.93 L of water to hard, non-porous surfaces. [{Rinse} {Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow to air dry}].**

**LAUNDRY DEODORIZER {AGAINST ODORS CAUSED BY BACTERIA}: For odors caused by bacteria in conditions of high relative humidity or wet contamination, use 103.25 mL of this product per 45 kg of dry weight fabric. Dilute the appropriate amount of this product in 3.78-7.56 L of water, and then add to the wash wheel in the final rinse. Re-treat fabric after each washing. Laundered fabric may also be treated by soaking.**

mL of Product	Amount of Dry Fabric (kg)
0.875	11
1.75	23
103.25	45
210	90
420	180

**FOR DEODORIZING SEPTIC STORAGE TANKS: Pre-clean heavily soiled areas. When tanks are empty, pour 88.5 mL of this product for every 18.93 L of water in 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 is to be used on gray and black water tanks only. Check with local or federal authorities before disposing of sewage in accordance to federal 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 88.5 mL of this product per 18.93 L of water to deodorize. If odors return before time to empty, add another 88.5 mL per 18.93 L of water to the tank. For kitchen waste, add 88.5 mL per 18.93 L of water to gray water tank as needed to control malodors created by dirty dishwasher.**

**AUTOMOTIVE USES: A solution of 88.5 mL of this product per 18.93 L of water 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, food, beverage spills and musty carpet. For sprayer applications, use a coarse spray device. [{Wipe up excess liquid {with a paper towel}}] {and} {or} {Allow to air dry}].**

**GLASS CLEANING {/DEODORIZING} DIRECTIONS: Use 88.5 mL per 18.93 L of water use solution to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 15-20 cm from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge or towels frequently to avoid re-deposition of soil.**

**FOR USE AS A CLEANER ON FINISHED FLOORS:** To limit gloss reduction, use 88.5 mL per 18.93 L of water. Apply with a damp mop or auto scrubber. Allow surface to air dry.

## CARPET CLEANING

**SPECIAL INSTRUCTIONS FOR CLEANING CARPETS:** This product can be used to clean carpets in industrial, institutional, commercial and residential areas such as homes, motel & 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 29.5 mL of this product per 3.78 L of water {(or equivalent use dilution)}.

**For Truck Mounted Extraction Machines:** Mix 29.5 mL of this product per 3.78 L of water {(or equivalent use dilution)} and meter at 15.12 L per hour.

**For Rotary Floor Machines:** Mix 29.5 mL of this product per 3.78 L of water {(or equivalent use dilution)} and apply at the rate of 91.44 - 152.4 m<sup>2</sup> per 3.78 L.

Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using this product 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} {DEODORIZING}] FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE:** This product {(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 29.5-59 mL of this product per 3.78 L 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 29.5-59 mL of this product per 3.78 L of water and spray on carpet at a rate of 91.44 - 152.4 m<sup>2</sup> per 3.78 L.

{(For use) (Use this product)} 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 must not be mixed with other cleaning products.

## WATER AND SMOKE DAMAGE RESTORATION

**SEWER BACKUP & RIVER FLOODING:** To use as a deodorizer, dilute 29.5-59 mL of this product per 3.78 L 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 affected areas with a mechanical spray device, {coarse pump or trigger spray device} before and after cleaning and extraction. For spray applications, spray 15-22 cm from surface. Do not breathe spray. 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 29.5-59 mL of this product per 3.78 L 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 {or coarse pump or trigger spray device} to fully saturate affected materials. For spray applications, spray 15-22 cm from surface. Do not breathe spray. Roll, brush or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly.

**[(WATER) (AND) (SMOKE)] DAMAGE RESTORATION:** Effective against odor caused by smoke and water damage for home, institutional, industrial and hospital use. This product is particularly suitable for use in water damage restoration. Dilute 29.5-59 mL of this product per 3.78 L of water, allowing for the diluting effect of absorbed water within saturated materials. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

## OTHER USES

**DISINFECTION/VIRUCIDE OF HARD, NON-POROUS SURFACES IN WHIRLPOOL UNITS:** After using the whirlpool unit, drain unit. Prepare a use solution of 118 mL per 18.93 L of water {(or equivalent use dilution)} and refill with use solution to just cover the intake valve {or 5 cm above the highest jet}. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair lift and any 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 disinfected surfaces with fresh water. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavy soiled units.

**SANITIZATION OF HARD, NON-POROUS SURFACES IN WHIRLPOOL UNITS:** To remove body oils, dead tissue, soil and all other buildups or organic matter on surfaces after using the whirlpool unit, drain and refill with a solution of 7.5 mL of this product per 3.78 L of water {(or equivalent use dilution)} {(200 ppm active)} to just cover the intake valve {or 5 cm above the highest jet}. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair lift and any other related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for 3 minutes. After the unit has been thoroughly sanitized, drain the solution from the unit and rinse all with fresh water. Repeat for heavy soiled units. Then the unit is ready for reuse.

**FOR DISINFECTING BAGLESS VACUUM CLEANERS:** Turn off and unplug vacuum cleaner. Remove the hard, non-porous container that houses collected material from the vacuum cleaner. Empty contents into a waste receptacle. Rinse collection container with water and wipe clean to remove any additional collected material. Prepare a use solution of 88.5 mL of this product per 18.93 L of water {(or equivalent use dilution)} and apply use solution to collection container with a brush, cloth, mop, sponge, {(mechanical spray device,)} {{{hand pump} {coarse}} trigger spray device}. For sprayer applications, spray 15-20 cm from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach container to vacuum cleaner.

**FOR DISINFECTING NON-POROUS VACUUM CLEANER BRUSHES:** Turn off and unplug vacuum cleaner. Remove the non-porous brushes from vacuum cleaner. Prepare a use solution of 88.5 mL per 18.93 L of water of water {(or equivalent use dilution)} and submerge brush in use solution so as to wet surfaces thoroughly. Allow surfaces to remain wet for 10 minutes. Wipe up excess liquid with a clean cloth or sponge or allow to air dry. Reattach brushes to vacuum cleaner.

**FLORIST USE DIRECTIONS:** To clean, disinfect {and deodorize} hard, non-porous surfaces, prepare use solution of 88.5 mL per 18.93 L of water (467 ppm). For heavy-duty use, add 177 mL of this product per 18.93 L of water (935 ppm). Remove all leaves, petals, garbage and refuse. Pre-clean surfaces using pressurized water where possible. Apply use solution to hard, non-porous surfaces, thoroughly wetting surfaces as required, with a cloth, mop, brush, sponge, {auto scrubber,} {(mechanical spray device,)} {{{hand pump} {coarse}} trigger spray device}. For sprayer applications, spray 15-22 cm from surface. Do not breathe spray. Rub with brush, sponge, mop or cloth. Treated surfaces must remain wet for 10 minutes. Wipe up excess or allow to air dry. Change cloth, sponge or towels frequently to avoid re-deposition of soil. Prepare a fresh solution daily or when visibly dirty.

## RESIDENTIAL/HOUSEHOLD USE

**CLEAN/DISINFECT/DEODORIZE {KITCHEN/BATHROOM/HOUSEHOLD} SURFACES:** Pre-clean surfaces. Apply a solution of 23.6 mL of this product per 3.78 L of water {(or equivalent use dilution)} to hard, non-porous surfaces with a brush, cloth, mop, sponge, {(mechanical spray device,)} {{{hand pump} {coarse}} trigger spray device}. For spray applications, hold container 15-20 cm from surface. Do not breathe spray. For disinfection, treated surfaces must remain wet for 10 minutes. Wipe up excess liquid or allow to air dry. Rinse with potable water after use on surfaces that come in contact with food. This product is not to be used to clean or disinfect dishware, glasses or eating utensils. Prepare a fresh solution daily or when visibly dirty.

## SANITIZATION OF EXTERIOR HOUSEHOLD SURFACES DIRECTIONS

**PREPARATION OF USE SOLUTION:** Apply a use solution of 7.5 mL of this product per 3.78 L of water {(200 ppm active)} {or equivalent use dilution} to sanitize hard, non-porous 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. 1.89 L of diluted product will treat 18.6-28 m<sup>2</sup> of hard, non-porous surfaces.

**APPLICATION:** Pre-clean heavily soiled areas. Apply solution with a brush, mop, cloth, sponge, {auto scrubber,} {(mechanical spray device,)} {{{hand pump} {coarse}} trigger spray device}, or with a low-pressure {(less than 60 psi)} airless sprayer so as to wet surfaces thoroughly. For sprayer applications, spray 15-20 cm from surface. Do not breathe spray. If using a pressure washer with high-pressure spray to sanitize hard, non-porous surfaces, wear suitable respiratory protective equipment and protective eyewear to control exposure to spray. Treated surfaces must remain wet for 3 minutes.

## ALTERNATE CONTAINER/DELIVERY SYSTEMS

### AUTOMATED DILUTION SYSTEM {(DILUTION SYSTEMS TRADE NAME)} 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 into dispenser. {See dispenser instructions for proper placement of cartridge. [{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)

Attach sprayer unit to hose. 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. First ensure the hose faucet is turned off.

(OR)

**{For} SIMPLEMENTIX® SYSTEM CONTAINER:**

*Trigger Spray Bottle lid label:*

1. To prepare use solution, open cap.
2. Peel off inner seal by grasping tab at far edge and pulling off.
3. Firmly push small, inner container *[(completely) {all the way}]* down.
4. Replace cap and tighten.
5. Slowly swirl for 15 seconds.
6. Move spray nozzle to open position.
7. Follow directions for use on label.

*3.785 L Size Bottle lid label:*

1. To prepare use solution, open cap.
2. Peel off inner seal by grasping tab at far edge and pulling off.
3. Firmly push small, inner container *[(completely) {all the way}]* down.
4. Replace cap and tighten.
5. Slowly swirl for 15 seconds.
6. Open small side spout and peel off inner seal, as above.
7. Pour solution from small side spout onto surfaces to be treated or alternate containers.
8. Follow directions for use on label.

*Drum lid label (Note: To be used with customer supplied pump.):*

1. Close all valves.
2. Uncoil hoses.
3. Connect center hose to pump between X and Y.
4. Open valve 1, then valve 2, then valve 4
5. START pump to empty cubic container
6. When cubic container is empty, turn pump OFF.
7. Close valve 1 and valve 2.
8. Open valve 6 and valve 5.
9. Re-start pump and mix 15 minutes.
10. STOP pump.
11. Close valve 4.
12. To dispense - Open Valves 3 and 7. Run pump only when dispensing.
13. Follow directions for use on label.

**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 *[(hose) {system}]* to dispense according to directions on the box.

**{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 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 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 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.

**PACKETS:** *[[{Simply} {Tear} open and]]* pour contents into 18.93 L of water. Keep packets in box until ready to use.

## 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 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.

**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.

**DISPOSAL:** For information on disposal of unused, unwanted product, contact the manufacturer or the appropriate municipal/provincial/territorial agency or product stewardship organization.

### CONTAINER HANDLING:

*{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 18.93 L}*

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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow 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 18.93 L}*

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  $\frac{1}{4}$  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 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}*

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 percent 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.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not mix with oxidizers, anionic soaps and detergents. 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. Keep out of reach of children.


## ENVIRONMENTAL HAZARDS

*(If container is equal to or greater than 18.93 L, the following statement must appear on the label.)*

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority.

*(If container is less than 18.93 L, use the following as an alternate to the above statement.)*

This product is toxic to fish and aquatic invertebrates.





89 mL PACKET (OR EQUIVALENT USE DILUTION) LABEL TO BE USED WITH MASTER CONTAINER LABEL

**MAQUAT<sup>®</sup> 10**

DIN 02272652

FOR USE AS A HOSPITAL DISINFECTANT, GENERAL DISINFECTANT, NON-FOOD CONTACT SANITIZER, FOOD CONTACT SANITIZER  
NOT FOR RESALE

**ACTIVE INGREDIENTS:**

Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)

Dimethyl Benzyl Ammonium Chloride ..... 5.0%

Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)

Dimethyl Ethylbenzyl Ammonium Chloride..... 5.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS.

MIX {EACH} (insert mL) PACKET WITH 18.93 L OF WATER {TO MAKE {X} PPM SOLUTION}

**DISPOSAL:** Do not reuse or refill this container. Wrap empty container and put in trash.



**MASON CHEMICAL COMPANY**

"The Quaternary Specialists"  
723 W. Algonquin Road  
Arlington Heights, IL 60005  
847-290-1621  
Toll Free: 800-362-1855

Canadian Agent:  
**Cambrian Solutions, Inc.**  
627 Lyons Lane, Suite 300  
Oakville, ON L6J 5Z7  
905-338-3172

Net Contents:  
Batch/Lot No:  
Expiry Date:  
{Product of USA} {Made in the USA}

## ONE PACK SUPPLEMENTAL LABELING INFORMATION (to accompany packet):

For sanitizing pots, pans, glasses, dishes and utensils.

For spray sanitizing food contact surfaces such as countertops.

For soaking wiping cloths.

### For Sanitizing Sink:

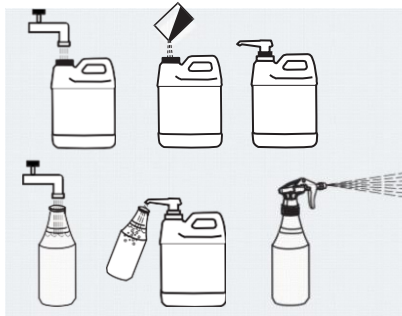
1. Fill sink with 15.14 L of warm water.
2. Pour contents of one pack [{of this product} {insert packet number}] into sink {for a 200 ppm – 400 ppm active solution}.
3. Allow pre-washed and rinsed pans and utensils to soak in sanitizer for 1 minute, then air dry.
4. Change solution when visibly dirty or if falls below 200 ppm active quat. Use quaternary test strips for testing active level.



### For Spray Sanitizing:

1. Fill stock solution bottle {insert bottle number} to indicated line with {1770 mL} water.
2. Pour contents of one pack [{of this product} {insert packet number}] into stock solution bottle.
3. Fill 946 mL spray bottle {insert bottle number} with 914.5 mL to water line.
4. Add one pump stroke (29.5 mL) from stock solution bottle.
5. Spray hard, non-porous surface, allow to remain wet for 1 minute, leave to air dry.

Note: Empty and rinse bottles before refilling.



### For Soaking {Wiping} Cloths:

1. Fill sanitizer bucket {insert bucket number} to indicated line {914.5 mL}.
2. Add one pump stroke (29.5 mL) from stock solution bottle.
3. Soak clean {wiping} cloths between uses.
4. Change solution when visibly dirty or if falls below 200 ppm active quat. Use quaternary test strips for testing active level.

