



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 27, 2018

David Swain
Agent for
Byotrol, Inc.
PO Box 18514
Atlanta, GA 30326

Subject: Label Amendment – Revisions to marketing claims and storage and disposal
Product Name: DETSAN24
EPA Registration Number: 83614-1
Application Date: July 23, 2018
Decision Number: 543026

Dear Mr. Swain:

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

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

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

Please note the following alternate brand names have been added to the product file:

- Byotrol Impressions Multipurpose Disinfectant Cleaner

- Byotrol Impressions Bathroom Disinfectant Cleaner
- Byotrol Impressions Multipurpose Daily Disinfectant Cleaner
- Byotrol24 Impressions Multipurpose Disinfectant Cleaner
- Byotrol24 Impressions Bathroom Disinfectant Cleaner
- Byotrol24 Impressions Multipurpose Daily Disinfectant Cleaner
- Byotrol Impressions Multipurpose Daily Disinfectant Cleaner with 24-Hour Surface Sanitizing Action PLUS 24-Hour Fresh Lavender Scent

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Tara Flint via email at flint.tara@epa.gov or Eric Miederhoff at Miederhoff.eric@epa.gov.

Sincerely,



Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

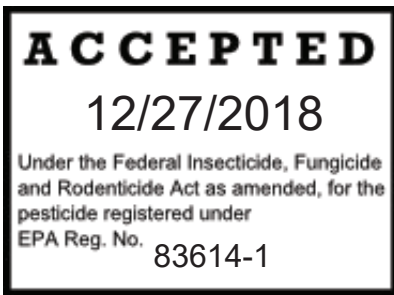
Enclosure

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

DETSAN24

[Residual Self Sanitizer][One Step] [Multi-Purpose] [Daily] [Bathroom] [Disinfectant][Non-Food Contact Sanitizer][Virucide†][Fungicide][Mildewstat][Cleaner][Deodorizer] [Byotrol®][Byotrol24™] [Impressions™][Once-A-Day] [24-hour surface sanitizing action], [24-hour (fresh) (lavender) (citrus) (waterfall) (forest) (floral) (garden) (scent) (fragrance)], [7 day mold and mildew control]

Alternate Brand Names: SaniLast 24, MicroGuard 24, ByoGuard 24, Byotrol, Byotrol Disinfectant Cleaner, Byotrol 24[®] [™], Byotrol Impressions™ Multipurpose Disinfectant Cleaner[®] [™], Byotrol Impressions™ Bathroom Disinfectant Cleaner[®] [™], Byotrol Impressions™ Multipurpose Daily Disinfectant Cleaner[®] [™], Byotrol24 Impressions™ Multipurpose Disinfectant Cleaner[®] [™], Byotrol24 Impressions™ Bathroom Disinfectant Cleaner[®] [™], Byotrol24 Impressions™ Multipurpose Daily Disinfectant Cleaner[®] [™], DetSan24, ByoShield, ByoShield 24, Zap 24, Byotrol Impressions™ Multipurpose Daily Disinfectant Cleaner with 24-Hour Surface Sanitizing Action™ PLUS 24-Hour Fresh Lavender Scent[®] [™]



KEEP OUT OF REACH OF CHILDREN

Active Ingredient:

1-Decanaminium, N-decyl-N,N-dimethyl-, chloride0.324%
Alkyl* dimethyl benzyl ammonium chloride *(67%C12, 25%C14, 7%C16, 1% C18)....0.215%
Poly (hexamethylenebiguanide) hydrochloride.....0.539%

Other ingredients.....98.922%

Total: 100.000%

EPA Reg. No.: 83614-1

EPA Est. No.: XXXXX-XX-001

Manufactured [by] [for]:

Byotrol, Inc.
PO Box 18514
Atlanta, GA 30326

[www.byotrol-24.com]

Patented [Scientific] Formula. Made in [USA][Canada]

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Net contents:

8 FL OZ. (237 mL)

1 Pint, 16 FL. OZ. (473 mL)

20-128 FL.OZ

1 Quart, 32 FL. OZ. (946 mL)

{*Refill Bottles*} - 68 Fl.Oz (2.0L) - 128 Fl.OZ (1 Gallon)(3.785L)

BACK PANEL:

[For general information on product use, call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222].

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all directions and precautions on this product label.

[Shake well before use][on hard, nonporous, non-food contact surfaces. Preclean if heavy soil is present.]

{For Refillable Trigger Bottles}:

To Refill: Refill only with this product. Remove trigger sprayer from empty bottle. Open refill container and pour contents directly into this empty bottle. Replace trigger sprayer.

{For Refillable Trigger Bottles one statement below will be utilized}:

[To remove the trigger spray nozzle assembly, give the collar a light squeeze by gripping it firmly along the base, then twist the sleeve counter-clockwise (to the left) until the locking teeth rotate above the pawl. Using a solid grip, the nozzle will become loose and may be removed by unscrewing anti-clockwise. To replace the trigger spray nozzle, carefully rotate firmly in a clockwise direction until the ratchet and pawl click closed. The nozzle is once again secured and locked closed.]

[To remove the trigger spray nozzle assembly, give the collar a light squeeze by gripping it firmly along the base, then twist the sleeve counter-clockwise (to the left) until the dual threads disengage. Using a solid grip, the nozzle will become loose and may be removed by unscrewing anti-clockwise. To replace the trigger spray nozzle, carefully rotate firmly in a clockwise direction until the nozzle threads re-engage. The nozzle is once again secured and locked closed.]

[To remove the trigger spray nozzle assembly, twist trigger on spray bottle counter clockwise and pull upward to remove. To replace the trigger spray nozzle assembly, press straight down on the trigger until it clicks into place.]

To Clean [and] [Deodorize]: Wet the surface with the spray and wipe clean.

To Sanitize Non-Food Contact Surfaces: For hard, non-porous, non-food contact surfaces, spray [this product] [6-8 inches from] [on] surface until thoroughly wet. Let stand for 10 seconds. Wipe dry. [No rinsing required.] Remove heavy soil prior to sanitization.

For General Broad Spectrum Non-Food Contact [Bacterial] Disinfection: Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet. Let stand 2 minutes [for bacteria] [and 10 minutes for fungi]. Wipe dry. [No rinsing required.] Preclean if heavy soil is present. [To disinfect Rotavirus, let stand 2 mins.] [To disinfect Norovirus, let stand 5 mins.] To disinfect fungi, let stand for 10 minutes. [See Table 4 for contact time for specific organisms.]

For Hospital Disinfection of Bacteria & Viruses†: Spray [this product] [6-8 inches from] hard, non-porous non-food contact surfaces until thoroughly wet. Let stand 5 minutes. Wipe dry. [No rinsing required.] Preclean if heavy soil is present. To disinfect fungi, let stand for 10 minutes.

Residual Self Sanitizing: To sanitize for 24 hours against [bacteria][including][Staphylococcus aureus and Enterobacter aerogenes] on hard, nonporous non-food contact surfaces. Spray [this product] [6-8

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

inches from] [on] hard, nonporous surfaces until thoroughly wet. Let stand for 5 minutes. Wipe dry. [No rinsing required.] Preclean if heavy soil is present.

Shoe Sanitizer Directions: To [reduce] [limit] tracking harmful organisms into animal areas, the packaging and storage areas of food plants, waterproof shoes should be sanitized prior to entering. Scrape waterproof shoes and spray [this product] [6-8 inches from] [on] shoes until thoroughly wet. Unused shoes will remain sanitized for 24 hours.

To Disinfect Toilets and Urinals: Empty toilet bowl or urinal. Hold container upright about 6-8 inches from surface. Spray to thoroughly wet hard, nonporous surfaces. Brush over exposed surfaces and under the rim. Preclean if heavy soil is present. Allow to stand for 5 minutes, then flush.

Hard Surface Mildewstat To [Inhibit] [Control] Mold and Mildew [:] Spray [this product] [6-8 inches from] [on] hard, nonporous surfaces until thoroughly wet and allow to air dry. Reapply weekly.

[**To Disinfect & Deodorize:** Spray on surface until thoroughly wet. Surface must remain wet for appropriate contact time listed on this label. Wipe dry. No rinse required.]

[**To Sanitize:** Spray on surface until thoroughly wet. Let stand for 10 seconds. Wipe dry.]

[**To Sanitize for 24 Hours:** Spray on surface until thoroughly wet. Let stand for 5 minutes. Wipe dry.] [Reapply if surface is rinsed.]

[**To Control Mold & Mildew for up to 7 Days:** Spray on surface until thoroughly wet. Allow to air dry.] [Reapply if surface is rinsed.]

[Use of this product on a floor or flooring surface is not recommended and may cause slipping]

This product [name brand] [is compatible. with] [will not harm] [surfaces is selected from the following) acrylic, aluminum, brass, ceramic, glass, nickel, painted surfaces, polycarbonate, polypropylene, polyurethane varnish, PVC, silicone rubber, stainless steel, vinyl, vinyl rubber, glazed porcelain and similar hard, nonporous surfaces.(spray test before using]

DISINFECTION OF POULTRY EQUIPMENT, ANIMAL QUARTERS AND KENNELS - For disinfection of poultry equipment (brooders, watering fountains, feeding equipment), animal quarters and kennels, Spray [this product] [6-8" from] hard, non-porous surfaces until thoroughly wet.. Remove all poultry, animals, and feed from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry or animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for a period of 5 minutes. Ventilate building, coops, and other closed spaces. Do not house poultry or animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Poultry (And Swine) Premise: Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray [this product] [6-8 inches from] hard,

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non-porous surfaces until thoroughly wet. Saturate surfaces with the disinfecting solution for a period of 5 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

Hatcheries: Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet. Treat the following hard non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution wet for 5 minutes or more. Rinse with potable water before reuse. Then allow to air dry. Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain eggs. Remove heavy soil prior to treatment.

Vehicles: Clean all vehicles including mats, crates, cabs, and wheels with high pressure water. Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 5 minutes or more. Remove heavy soil prior to treatment.

Shoe Disinfection Directions: Scrape and remove heavy soil from waterproof shoes prior to treatment and spray [this product] [6-8 inches from] shoe surface. Leave treated shoe surface thoroughly wet for 5 minutes.

Dressing Plant Use: Disinfect equipment, tools 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 gross soils. Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet. Scrub to loosen all soils. Allow to soak for 5 minutes and thoroughly rinse all wetted and cleaned surfaces with potable water. Do not use to disinfect appliances, refrigerator interiors, and microwave oven interiors. Do not use on dishes, glasses and utensils.

Veterinary Practice/Animal Care Animal Laboratory/Zoos/Pet Shop/Kennels Disinfection

Directions: For cleaning and disinfecting the following hard non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet for a period of 5 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

Farm Premise Use: Do not use in milking stalls, milking parlors or milk houses. Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet for a period of 5 minutes. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

Commercial Florist Use Directions: To disinfect and deodorize hard non-porous surfaces in one step, spray [this product] [6-8 inches from] hard, non-porous surfaces until thoroughly wet for a period of 5 minutes.

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Remove all leaves, petals, garbage and refuse. Pre-clean surfaces using pressurized water where possible. For heavily soiled areas, a preliminary cleaning is required. Allow to air dry.

{Residential Containers}

STORAGE AND DISPOSAL

Nonrefillable container. Store in original container in areas inaccessible to small children. Keep securely closed. Do not reuse or refill this container. Place [container] in trash or offer for recycling if available.

{For Residential refillable bottles:}

Refillable container. This bottle can only be refilled with *{insert product name}* refill bottle. Use only the same product refill bottle. Do not reuse this bottle for any other purpose. Offer for recycling, if available. If not, discard in trash.

{Institutional Containers}

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in original container in areas inaccessible to children. Keep securely closed.

PESTICIDE DISPOSAL: To avoid waste, use all material in this container according to label directions. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse (or equivalent). Follow pesticide disposal instructions for rinsate. Then discard in trash or offer for recycling, if available.

{For Institutional refillable bottles:}

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in original container in areas inaccessible to children. Keep securely closed.

PESTICIDE DISPOSAL: To avoid waste, use all material in this container according to label directions. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Refillable container. This bottle can only be refilled with *{insert product name}* refill bottle. Use only the same product refill bottle. Do not reuse this bottle for any other purpose. Offer for recycling, if available. If not, discard in trash.

Questions or Comments:

Email xxxxxx@xxxxx.com

Website www.xxxxxxx.xxx

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

NOTE: Any claim may appear on either FRONT / BACK panel in bullet / paragraph format

Marketing Claims:

1. NEW (to be used only as a claim descriptor only for the first six months of product on shelf)
2. Gentle for surfaces such as metal, stainless steel, plastic
3. Safe for surfaces such as metal, stainless steel, plastic
4. Non Corrosive [on surfaces]
5. Scientifically proven time release formula
6. Tough on dirt
7. No bleach
8. Great for use on non-food contact surfaces in the kitchen, bathroom, floors and other household areas
9. Removes odors
10. Deodorizes
11. Will not harm most surfaces
12. For a cleaner, fresher household
13. Non-staining
14. Alcohol free (No alcohol)
15. Can be used on multiple surfaces such as (select from surface table)
16. (Will not harm)(will not damage) most surfaces (such as) (select from surfaces table) (you touch most)
17. No harsh chemical odor
18. No harsh chemical smell
19. No dulling residue
20. Bleach free (formula)
21. Long lasting fragrance
22. Colorless
23. Will not (damage)(discolor) most common (household) surfaces
24. Do not use on (unfinished)(uncoated) surfaces
25. Spot test all surfaces in an inconspicuous area
26. Leaves your (pick from surfaces table) shiny
27. Not harmful to most surfaces
28. No phosphates (phosphate free)
29. Surfaces sparkle/ shine after cleaning
30. With Byotrol technology
31. Smear/ streak free
32. Surfaces sparkle/ shine after cleaning
33. No need for gloves
34. (Patented)(Patent pending) formulation is durable enough to withstand continuous (contact)(touches), even on high contact areas like (doorknobs)(handles)(desks) and (faucets)
35. (will not) (harm)(damage) (safe for) most surfaces (such as) {*select from surfaces table*} (you touch most)
36. Great for use in the bathroom, kitchen, floors and other hard surfaces
37. Smart science for an evolving world[®] [™]
38. Byotrol is a [remarkable][revolutionary] disinfectant cleaner
39. Byotrol is a leap forward in science with the development of a germ-fighting formula
40. Non-corrosive on surfaces
41. With {*insert product brand name*} you not only clean your house, you create a home – fully renewed with a lasting clean and a lasting {*insert fragrance descriptor from Fragrance Claim list above*} scent

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

42. Multipurpose Daily Disinfectant Cleaner with 24-Hour Surface Sanitizing Action™ PLUS 24-Hour Fresh Lavender Scent
43. Great for use in the bathroom and kitchen, on floors and other hard surfaces.
44. Takes the fight against germs to a new level with the development of an advanced formula
45. For worry-free and round-the-clock reassurance, use {*insert product brand name*} on a variety of frequently touched spots [in your bathroom] such as tubs, showers, sinks, doorknobs, counters, toilets, hard floors, baths & showers and other germ-y surfaces

Fragrance Claims

1. (Fresh)
2. (Soap)
3. (Light)
4. (Lemon)
5. (Floral)
6. (Scented)
7. (Scent)
8. (Citrus)
9. (Fragrance)
10. (Marine)
11. (Long lasting fragrance)
12. (Unscented)
13. (Unfragranced)
14. Lavender Morning Breeze [®] [™]
15. Citrus Sparkle [®] [™]
16. Pure Mountain Mist [®] [™]
17. Citrus Hawaiian Sunrise [®] [™]
18. Serene Mountain Woodland [®] [™]
19. Spring garden Blossoms [®] [™]
20. Tranquil Tahitian Waterfall [®] [™]
21. Ocean [®] [™]
22. Lavender
23. Citrus
24. Waterfall [®] [™]
25. Spring garden [®] [™]
26. Forest [®] [™]
27. Seaside Serenity [®] [™]
28. French lavender [®] [™]
29. Grove Sunrise [®] [™]
30. Clean
31. Clean and Fresh
32. Fragrance Free
33. Lavender Morning [®] [™]
34. Hawaiian Sunrise Citrus [®] [™]
35. Mountain Serenity [®] [™]
36. Fragrance-Free

Cleaning Claims

1. Can be used on multiple surfaces such as {*select from surface table*}
2. Cuts through common (household)(grease)(dirt) and (grime)

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

3. For all your (heavy)(light) duty jobs
4. Removes dirt
5. Great for use in the kitchen, bathroom, floors and hard non-porous surfaces in other household areas
6. Great for use on hard non-porous surfaces in the kitchen, bathroom, floors and hard non-porous surfaces in other household areas
7. Removes [tough mold & mildew] stains [from tile, grout, and more] [without scrubbing]
8. [Destroys] Removes soap scum
9. Prevents soap scum for 24 hours
10. Powers through tough soap scum and [bath] grime
11. Bathroom cleaner
12. Whitening power
13. Cleans to a brilliant shine
14. Bathroom grime fighter
15. Erases mold & mildew stains and cleans soap scum [easily]
16. Leaves a brilliant surface shine
17. Effective on tub, showers, basins, stainless steel, tile, chrome, fiberglass, plastic and vinyl [toilets]
18. Powers through tough grime
19. Removes calcium, lime and hard water deposits, soap scum, discoloration and dirt
20. Effectively removes dirt from multiple bathroom surfaces

Stain Claims

1. Removes stains

Deodorizing Claims

1. Neutralizes odors
2. Neutralizes pet odors
3. Long lasting deodorizer
4. 24-Hour Deodorizer with 24 hour fragrance
5. 24 hour fragrance
6. Renews your home with a lasting clean and a lasting fresh scent
7. Pleasing fragrance that lasts a full 24 hours
8. Leaves rooms smelling fresh
9. Leaves rooms smelling clean
10. Leaves rooms smelling fresh and clean
11. [Plus] 24 hour [*insert fragrance descriptor from Fragrance Claim list above*]
12. Lavender Morning Breeze[®][™] transports your home to the French countryside. A soothing herbal fragrance evokes the sensation of opening your window to a gentle morning breeze carrying in the refreshing scent of lavender, rosemary and thyme.
13. Citrus Hawaiian Sunrise[®][™] reinvigorates your home with the fresh scents of the Pacific islands, where the burgeoning warmth of a Hawaiian sunrise brings out the sweet fragrance of newly-ripened, luscious orange, pineapple, lemon, lime, and starfruit.
14. Your home becomes a tropical oasis with Tranquil Tahitian Waterfall[®][™]. This cool, breezy fragrance is a refreshing waterfall mist that gently wafts into your home with a delicate aroma of fresh island flowers blended with subtle hints of driftwood and white musk.
15. Serene Mountain Woodland[®][™] nestles your home into a secluded pine forest high in the Pacific Northwest. A cool, soothing woody scent rich with tones of lush wildflowers and native herbs elevates you to the dense foliage of a grove untouched by civilization and bathed in the purest mountain air.

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

16. Breathe new life into your home with nature's perfume, Spring Garden Blossoms [®][™], an enchanting blend of the sweet scent of hyacinth and lily of the valley, the ambrosial aroma of honeysuckle vines irresistible to hummingbirds and the bright fragrance of orange blossoms.
17. Spring Garden Blossoms[®][™] brightens your home with nature's perfume. A flowering fragrance [that is irresistibly alluring to hummingbirds] is [beautifully] blended with the [ambrosial] aroma of honeysuckle vines, hyacinth and sweet orange blossoms.
18. Byotrol 24 [Hour][with] [24 hour] Surface Sanitizing Action [R] [™]
19. 24-Hour [Fresh] [Scent] [Fragrance]
20. A pleasing fragrance that lasts a full 24 hours lets you know that [BYOTROL24®] {*insert product brand name*} is actively working to control germs around the clock
21. Deodorizes for 24 Hours [with (fresh) {*insert fragrance descriptor from Fragrance Claim list above*} (scent) (fragrance)]
22. Deodorizes [with (fresh) {*insert fragrance descriptor from Fragrance Claim list above*} (scent) (fragrance)] for 24 Hours

Healthcare Disinfectant Claims

1. Healthcare disinfectant
2. One-step disinfectant
3. Hospital disinfectant
4. Eliminates [$>$][over]99.9% bacteria
5. Kills [$>$][over]99.9% bacteria
6. Destroys [$>$][over]99.9% bacteria
7. Removes [$>$][over]99.9% bacteria
8. Gets rid of [$>$][over]99.9% bacteria
9. Antibacterial spray
10. Disinfectant
11. Disinfectant sanitizer
12. Bactericidal spray
13. Bactericidal
14. Deodorizes
15. Disinfects in 5 minutes*

* *Trichophyton mentagrophytes* in 10 minutes

16. Kills *Staphylococcus aureus* and *Pseudomonas aeruginosa*
17. (Kills *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
18. Kills 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa*
19. (Kills 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
20. Eliminates 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa*
21. (Eliminates 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
22. Disinfects *Staphylococcus aureus* and *Pseudomonas aeruginosa*
23. (Disinfects *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
24. Disinfects 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa*
25. (Disinfects 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
26. Reduces *Staphylococcus aureus* and *Pseudomonas aeruginosa*
27. (Reduces *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
28. Reduces 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa*
29. (Reduces 99.9% of *Staphylococcus aureus* and *Pseudomonas aeruginosa* in 5 minutes)
30. Disinfects against *Staphylococcus aureus* and *Pseudomonas aeruginosa*

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

31. Disinfects household bacteria
32. Disinfects common bathroom bacteria
33. Kills household bacteria
34. Kills common household bacteria
35. Kills common household and bathroom bacteria
36. Kills household and bathroom bacteria
37. Kills common household germs
38. Disinfects hard, non-porous household surfaces
39. Kills common bathroom bacteria
40. Disinfects in a variety of areas
41. This product will clean and disinfect hard, non-porous surfaces of {*select from surfaces*}
42. [Cleaning made easy] [ideal for] [sanitizing] [cleans] [and] [disinfects] and [sanitizes][in one step] when the disinfection/sanitization directions for use are followed
43. [Cleaning made easy] [ideal for] [sanitizing] [disinfecting] all [your] hard, non-porous surfaces
44. [One step] [antibacterial] formula [that] [cleans] [and] [disinfects] and [sanitizes] [in one step]
45. A simple[r] solution for helping to maintain a cleaner [home] [area] [with less chance of cross-contamination across treated surfaces]
46. Eliminates [bacterial] [and] [fungal] [mold] [mildew] odors [at the source]
47. Kills [[>][over]99.9%] [odor causing] [bacteria][bacteria] [germs] [and leaves a nice smell]
48. Peace of mind that you are [helping to eliminate][eliminating] germs
49. Kills [cold°], [flu[□]], [Staph¹], [Salmonella²], [E.coli³], [Strep⁴], and [Listeria⁵]

General Disinfectant Claims

1. General disinfectant
2. Broad spectrum
3. Broad spectrum disinfectant
4. Broad spectrum disinfecting
5. Broad spectrum cleaner
6. Broad spectrum disinfectant cleaner
7. Broad spectrum disinfecting cleaner
8. Kills *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
9. (Kills *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
10. Kills 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
11. (Kills 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
12. Eliminates 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
13. (Eliminates 99.9% *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
14. Eliminates 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
15. Eliminates 99.9% *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes
16. Disinfects *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

17. (Disinfects *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
18. Disinfects 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
19. (Disinfects 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
20. Reduces *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
21. Reduces *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes
22. Reduces 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
23. (Reduces 99.9% of *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes)
24. Reduces *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes* in 2 minutes
25. Disinfects against *Salmonella enterica*, *Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Streptococcus pyogenes*
26. Disinfectant
27. Disinfectant sanitizer
28. Bactericidal spray
29. Bactericidal
30. Deodorizes
31. Kills [$>$][over]99.9% bacteria
32. Destroys [$>$][over]99.9% bacteria
33. Removes [$>$][over]99.9% bacteria
34. Gets rid of [$>$][over]99.9% bacteria
35. Antibacterial spray
36. Disinfects household bacteria
37. Disinfects common bathroom bacteria
38. Kills household bacteria
39. Kills common household bacteria
40. Kills common household and bathroom bacteria
41. Kills household and bathroom bacteria
42. Kills common household germs
43. Disinfects household surfaces
44. Kills common bathroom bacteria
45. Disinfects in a variety of areas
46. This product will clean and disinfect hard, non-porous surfaces of {*select from surfaces*}
47. [Cleaning made easy] [ideal for] [sanitizing] [cleans] [and] [disinfects] and [sanitizes][in one step] when the disinfection/sanitization directions for use are followed
48. [Cleaning made easy] [ideal for] [sanitizing] [disinfecting] all [your] hard, non-porous surfaces
49. [One step] [antibacterial] formula [that] [cleans] [and] [disinfects] and [sanitizes] [in one step]
50. A simple[r] solution for helping to maintain a cleaner [home] [area] [with less chance of cross-contamination across treated surfaces]
51. Eliminates [bacterial] [and] [fungal] [mold] [mildew] odors [at the source]
52. Kills [$>$][over]99.9% [odor causing] [bacteria][bacteria] [germs] [and leaves a nice smell]
53. Peace of mind that you are [helping to eliminate][eliminating] germs
54. Sanitizer

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Antifungal Claims

1. Eliminates [$>$][over]99.9% fungi[∞] [*Trichophyton mentagrophytes* (Athlete's Foot Fungus)]
2. Kills [$>$][over]99.9% fungi[∞] [*Trichophyton mentagrophytes* (Athlete's Foot Fungus)]
3. Destroys [$>$][over]99.9% fungi[∞] [*Trichophyton mentagrophytes* (Athlete's Foot Fungus)]
4. Removes [$>$][over]99.9% fungi[∞] [*Trichophyton mentagrophytes* (Athlete's Foot Fungus)]
5. Gets rid of [$>$][over]99.9% fungi[∞] [*Trichophyton mentagrophytes* (Athlete's Foot Fungus)]
6. Fungicidal spray[∞]
7. Fungicidal[∞]
8. Fungicidal disinfectant[∞]

[∞]on hard, non-porous surfaces

Mildewstat Claims

1. Mildewstat spray for up to 7 days
2. Mildewstat for up to 7 days
3. Controls [bathroom] [mold &] mildew for [up to] 7 days
4. Prevents mold & mildew for up to 7 days
5. Inhibits mold & mildew for up to 7 days
6. Prevents mold and mildew for up to 7 days
7. Controls mold and mildew for up to 7 days
8. Prevents the growth of mold and mildew for up to 7 days
9. Controls the growth of mold and mildew for up to 7 days
10. Prevents mold & mildew from re-growing between cleanings for 7 days
11. Extended mold & mildew control for 7 days
12. 7 day mold & mildew control
13. Controls mold and mildew on hard nonporous surfaces for up to 7 days
14. Prevents mold & mildew growth for up to 7 days
15. Prevents mold and mildew on hard surfaces for 7 days
16. For residual mold & mildew control for up to 7 days
17. 7 day mold protection
18. 7 day mold & mildew protection
19. 7 day mold prevention
20. Long lasting 7 day mold prevention
21. Controls growth of mold and mildew for up to 7 days
22. Inhibits growth of mold and mildew for up to 7 days
23. Prevents growth of mold and mildew for up to 7 days
24. Controls the growth of mold and mildew for up to 7 days
25. Inhibits the growth of mold and mildew for up to 7 days
26. Prevents the growth of mold and mildew for up to 7 days
27. Inhibits growth of mold and mildew for up to 7 days {select hard nonporous surface}
28. Prevents growth of mold and mildew for up to 7 days {select hard nonporous surface}
29. Controls the growth of mold and mildew for up to 7 days {select hard nonporous surface}
30. Inhibits the growth of mold and mildew for up to 7 days {select hard nonporous surface}
31. Prevents the growth of mold and mildew for up to 7 days {select hard nonporous surface}

Antiviral† Claims

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

1. Eliminates [$>$][over]99.9% viruses†
2. Kills [$>$][over]99.9% viruses†
3. Destroys [$>$][over]99.9% viruses†
4. Removes [$>$][over]99.9% viruses†
5. Gets rid of [$>$][over]99.9% viruses†
6. Virucidal† spray
7. Virucidal†
8. Virucidal† disinfectant
9. One-step virucidal† disinfectant
10. Kills *2009-H1N1 Influenza A virus (novel H1N1) StainA/Mexico/4108/2009, CDC #2009712192, Respiratory Syncytial Virus, Coronavirus, Rotavirus and Norovirus*
11. (Reduces *2009-H1N1 Influenza A virus (novel H1N1) StainA/Mexico/4108/2009, CDC #2009712192, Respiratory Syncytial Virus, Coronavirus, Rotavirus and Norovirus* in 5 minutes)
12. Disinfects *2009-H1N1 Influenza A virus (novel H1N1) StainA/Mexico/4108/2009, CDC #2009712192, Respiratory Syncytial Virus, Coronavirus, Rotavirus and Norovirus*
13. Kills 99.9% of *2009-H1N1 Influenza A virus (novel H1N1) StainA/Mexico/4108/2009, CDC #2009712192, Respiratory Syncytial Virus, Coronavirus, Rotavirus and Norovirus*
14. Kills cold° and flu□ [in 1 minute [min]]
15. Eliminates [$>$][over]99.9% cold° and flu□ viruses [in 1 minute [min]]
16. Kills [$>$][over]99.9% cold° and flu□ viruses [in 1 minute [min]]
17. Destroys [$>$][over]99.9% cold° and flu□ viruses [in 1 minute [min]]
18. Removes [$>$][over]99.9% cold° and flu□ viruses [in 1 minute [min]]
19. Gets rid of [$>$][over]99.9% cold° and flu□ viruses [in 1 minute [min]]
20. Kills flu□ [in 1 minute [min]]
21. Eliminates 99.9% flu□ viruses [in 1 minute [min]]
22. Kills 99.9% flu□ viruses [in 1 minute [min]]
23. Destroys flu□ viruses [in 1 minute [min]]
24. Removes 99.9% flu□ viruses [in 1 minute [min]]
25. Gets rid of 99.9% flu□ viruses [in 1 minute [min]]
26. Kills cold° and flu□ viruses
27. Kills cold° and flu□ viruses and ♦Norovirus [in 5 minutes [mins]]
28. Eliminates ♦Norovirus [in 5 minutes [mins]]
29. Kills ♦Norovirus [in 5 minutes [mins]]
30. Destroys ♦Norovirus [in 5 minutes [mins]]

Germ Claims

1. Antimicrobial
2. Antimicrobial spray
3. Destroys 99.9% germs
4. Eliminates 99.9% [of] germs
5. Germicidal spray
6. Gets rid of [$>$][over]99.9% [of] germs
7. Kills [$>$][over]99.9% [of] germs
8. Removes [$>$][over]99.9% [of]germs
9. Kills germs
10. Lets you know that Byotrol is actively working to control germs

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Residual Claims

1. 24 hour antimicrobial surface protection against bacteria
2. 24 hour sanitization against bacteria
3. 24 hour sanitization of bacteria
4. 24 hour sanitization of Staph and ^Enterobacter
5. 24 hour surface protection against bacteria
6. A product that gives you peace of mind for 24 hour
7. A product that gives you peace of mind for 24 hour residual sanitization against bacteria
8. A product that gives you peace of mind for 24 hr
9. A product that gives you peace of mind for 24 hr residual sanitization against bacteria
10. Antibacterial for 24 hours
11. Antibacterial protection for 24 hours
12. Antibacterial sanitizing for 24 hours
13. Bacteria fighting formula
14. Continues to kill [$>$][over] 99.9% of bacteria for 24 hours
15. Continues to kill [$>$][over] 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for 24 hours
16. Continues to kill 99.9% of bacteria for 24 hours
17. Continues to kill 99.9% of [*Staphylococcus aureus*][and] *Enterobacter aerogenes* for 24 hours
18. Delivers protection against bacteria for 24 hours
19. Designed for 24 hour sanitization against bacteria
20. Eliminates 99.9% of bacteria for 24 hours even after multiple touches
21. Eliminates 99.9% of bacteria for up to 24 hours even after multiple touches
22. Eliminates 99.9% of bacteria, fungi and †viruses then continues to sanitize bacteria even after multiple touches for 24 hours
23. Eliminates 99.9% of bacteria, fungi and †viruses then continues to sanitize bacteria even after multiple touches for 24 hrs
24. Even after multiple touches maintains a sanitized surface for 24 hours
25. Independent [External] tests show this formulation is scientifically proven to kill [$>$][over]99.9% of bacteria for 24 hours
26. Independent [External] tests show this formulation is scientifically proven to kill 99.9% of bacteria for 24 hours
27. Ideal for use on {*select from surfaces*} to provide 24 hour antibacterial sanitization
28. Independent [external] tests show this formulation is scientifically proven to kill 99.9% of bacteria for 24 hours
29. Independent [external] tests show this formulation is scientifically proven to kill 99.9% of bacteria for 24 hours
30. Keeps killing [$>$][over] 99.9% of bacteria for 24 hours
31. Keeps killing [$>$][over] 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for 24 hours
32. Keeps killing 99.9% of bacteria for 24 hours
33. Keeps killing 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for 24 hours
34. Keeps surfaces sanitized longer to stop [reduce] the spread of bacteria -
35. Kills 99.9% of bacteria for 24 hours
36. Kills 99.9% of bacteria for 24 hours even after multiple touches
37. Kills 99.9% of bacteria for up to 24 hours even after multiple touches
38. Kills 99.9% of bacteria, fungi and †viruses then continues to sanitize bacteria even after multiple touches for 24 hrs

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

39. Kills 99.9% of bacteria, fungi and viruses then continues to sanitize bacteria even after multiple touches for 24 hours
40. Kills 99.9% of bacteria, fungi and viruses then continues to sanitize bacteria even after multiple touches for 24 hrs
41. Kills 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for 24 hours
42. 24 hour surface sanitization protection from bacteria
43. Persistent antibacterial protection for 24 hours
44. Persistent antibacterial sanitizing for 24 hours
45. 24 hour surface sanitization protection from bacteria between each daily cleaning with product
46. 24 hour surface sanitization protection from bacteria between each daily disinfecting with product
47. 24 hour surface sanitization protection from bacteria between each daily sanitizing with product
48. Provides 24 hour residual antibacterial control
49. Provides defense from bacteria for 24 hours
50. Provides defense from [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for 24 hours
51. Residual self-sanitizing for 24 hours
52. Sanitization that lasts all day
53. Sanitize surfaces once a day to provide residual sanitization against bacteria
54. Sanitize surfaces once a day to provide you with residual sanitization against bacteria
55. Sanitizes 99.9% of bacteria for 24 hours even after multiple touches
56. Sanitizes 99.9% of bacteria for up to 24 hours even after multiple touches
57. Spray surfaces once a day to provide residual sanitization against bacteria
58. Spray surfaces once a day to provide you with residual sanitization against bacteria
59. Surfaces are quickly re-contaminated. Eliminates 99.9% of bacteria for up to 24-hours
60. Surfaces are quickly re-contaminated. Eliminates 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for up to 24-hours
61. Surfaces are quickly re-contaminated. This product eliminates 99.9% of bacteria for up to 24-hours
62. Surfaces are quickly re-contaminated. This product eliminates 99.9% of [*Staphylococcus aureus*] [and] *Enterobacter aerogenes* for up to 24 hours
63. This product eliminates 99.9% of bacteria, fungi and viruses then continues to sanitize bacteria even after multiple touches for 24 hours
64. This product eliminates 99.9% of bacteria, fungi and viruses then continues to sanitize bacteria even after multiple touches for 24 hrs
65. This product kills 99.9% of bacteria, fungi and viruses then continues to sanitize against bacteria even after multiple touches for 24 hours
66. This product kills 99.9% of bacteria, fungi and viruses then continues to sanitize bacteria even after multiple touches for 24 hrs
67. When used as directed provides residual protection from *Enterobacter aerogenes* and *Staphylococcus aureus* for up to 24 hours after initial application
68. Even after multiple touches maintains a sanitized surface for 24 hours and prevents mold & mildew for up to 7 days
69. Provides 24 hour residual antibacterial control and 7 day mold & mildew prevention
70. 24 hour surface sanitizing action[®] [™]
71. Keeps surfaces sanitized for a full 24 hours with only one application

Non-Food Contact Sanitizer Claims

1. Quick [Fast][Rapid] Sanitization [Sanitizer]
2. One Step Sanitization [Sanitizer]
3. One Step [Quick][Fast][Rapid] Sanitization[Sanitizer]

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

4. Kills 99.9% of bacteria [in 10 seconds][quickly][fast]
5. Sanitizes 99.9% of bacteria [in 10 seconds][quickly][fast]
6. Kills >[over] 99.9% of bacteria [in 10 seconds][quickly][fast]
7. Sanitizes >[over] 99.9% of bacteria [in 10 seconds][quickly][fast]!
8. Kills 99.9% of bacteria in just 10 seconds
9. Sanitizes 99.9% of bacteria in just 10 seconds
10. Kills 99.9% of bacteria in just 10 seconds!
11. Sanitizes 99.9% of bacteria in just 10 seconds!
12. Sanitizes in 10 seconds
13. Sanitizes in a variety of areas
14. A sanitizer that sanitizes >[over]99.9% of bacteria on hard non-porous surfaces around your house
15. A sanitizer that sanitizes >[over]99.9% of bacteria on hard non-porous surfaces
16. A sanitizer that sanitizes >[over]99.9% of bacteria on surfaces around your house
17. A sanitizer that sanitizes >[over]99.9% of bacteria on surfaces
18. A sanitizer that kills >[over]99.9% of bacteria on hard non-porous surfaces around your house
19. A sanitizer that kills >[over]99.9% of bacteria on hard non-porous surfaces
20. A sanitizer that kills >[over]99.9% of bacteria on hard non-porous surfaces around your house
21. A sanitizer that kills >[over]99.9% of bacteria on hard non-porous surfaces
22. Sanitizer

Hard Non-Porous Non-Food Contact Surfaces:

Table 1: General Use Non-Food Contact Surfaces

arm rests	exterior toilet surfaces	microwave exteriors
bins	faucet handles	stove tops
cabinet handles	faucets	appliance exteriors
cabinets	potty chairs	appliances
chairs	potty seats	
counter tops	potty training seats	cell phones
counters	restrooms	computer keyboards
door handles	plastic shower curtains	computers
doorknob	shower doors	desks
floors	shower faucets	desktops
garbage cans	shower fixtures	fax machines
handrails	shower handles	headsets
home/gym exercise equipment	shower walls	keyboards
Lamps	showers	LCD screens
light switch covers	sinks	monitors
light switches	soap dispensers	mouse pads
lockers	stall doors	office supplies
non-porous shelves	toilet exteriors	telephone headsets
recycling bins surfaces	toilet handle	telephones
tables	toilet seat	activity centers
tiled walls	toilet surfaces	booster chairs
trash cans	toilets	booster seats
tubs	towel dispensers	child car seats
under sinks	urinal surfaces	children's toys
walls	grocery carts	cribs

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

walls display cases	hampers	jungle gyms
waste containers	kitchen counters	play tables
wrist rests	kitchen non-food contact	playhouses
bathroom counters	lamineate countertops	playpens
diaper changing tables	range hoods	stroller handles
	range tops	strollers
diaper pails	refrigerator exteriors	toys

Table 2: Hospital Use Sites

(these sites will not be associated with the residual self-sanitization claims on market label)

bed frames	examination tables	laundry room
bed rails	lab benches	over-bed tables
equipment tables	laundry hampers	wheelchairs

Table 3: Usage Non-Food Contact Sites

Apartments	Barges	Recreation centers
Attics	Boats	Recreation facilities
Basements	Buses	Recreational facilities
Bathrooms	Campers	Rest stops
Bedrooms	Cars	Restaurants
Garages	Cruise ships	Restrooms
Holiday homes	Helicopters	Retail and Wholesale establishments
Homes	Mobile homes	Salons
Kitchens	Public transport	Shelters
Laundry rooms	Rail cars	Shopping malls
Living rooms	RVs	Spas
Playrooms	Shipping containers	Sports areas
Porches	Ships	Storage areas
Sheds	Subways	Supermarkets
Toilets	Tankers	Taverns
Vacation homes	Tanks	Animal research centers
Washrooms	Taxis	Animal shelters
Workshops	Trailers	Animal transport Vehicles
Art galleries	Trains	Breeding and grooming establishments
Banks	Transport vehicles	Cages
Churches	Trucks	Examination rooms
Class rooms	Yachts	Kennels
Colleges	Airports	Pet shops
Courthouses	Barber shops	Stables
Day care facilities	Bars	Veterinary clinics
Dorm rooms	Beauty shops	Zoos
Funeral homes	Bowling alleys	Ambulances
Government buildings	Cafeterias	Dental clinics

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Libraries
Locker rooms
Military institutions
Museums
Nurseries
Offices
Playgrounds
Police stations
Post offices
Prisons
Restrooms
School buses
Schools
Theaters
Universities
Airplanes

Canteens
Coffee shops
Convenience stores
Department stores
Exercise facilities
Fast food operations
Gas stations
Grocery stores
Gymnasiums
Gyms
Gyms
Health Clubs
Hotels
Motels
Public areas
Public restrooms

Hospitals
Housekeeping
Janitorial rooms
Laboratories
Medical and dental offices
Medical clinics
Nursing homes
Patient transfer vehicles
Pharmacies

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

TABLE 4 List of Organisms*

DISINFECTANT	
Bacteria*	
1 minute	[*S.] [²] <i>Salmonella enterica</i> [(<i>Salmonella</i> ²)] [ATCC 10708]
2 minutes	[*S.] [¹] <i>Staphylococcus aureus</i> [(<i>Staph</i> ¹)] [ATCC 6538]
2 minutes	[*L.] [⁵] <i>Listeria monocytogenes</i> [(<i>Listeria</i> ⁵)] [ATCC 7644]
2 minutes	[*E.] [⁴] <i>Escherichia coli O157:H7</i> [(<i>E.coli</i> ⁴)] [ATCC 43888]
2 minutes	[*S.] [³] <i>Streptococcus pyogenes</i> [(<i>Strep</i> ³)] [ATCC 12384]
5 minutes	[*P.] <i>Pseudomonas aeruginosa</i> [(<i>Pseudomonas</i>)] [ATCC 15442]
Viruses†	
1 minute	†[□]2009-H1N1 Influenza A virus (novel H1N1) StainA/Mexico/4108/2009, CDC #2009712192 †[°]Respiratory Syncytial Virus [ATCC VR-26] †[°]Coronavirus [ATCC VR-740]
2 minutes	†Rotavirus [ATCC VR-2018]
5 minutes	†♦Feline Calicivirus [as a Surrogate Virus for] [Norovirus] [ATCC VR-782]
Fungicidal	
10 minutes	<i>Trichophyton mentagrophytes</i> [ATCC 9533]
24 hour Residual Self SANITIZER	
5 minutes	[*S.] <i>Staphylococcus aureus</i> [(<i>Staph</i>)] [ATCC 6538] [*E.] <i>Enterobacter aerogenes</i> [ATCC 13048]
Non-Food Contact SANITIZER	
10 seconds	[*S.] <i>Staphylococcus aureus</i> [(<i>Staph</i>)] [ATCC 6538] [*E.] <i>Enterobacter aerogenes</i> [ATCC 13048]
MILDEWSTAT	
7 day	<i>Aspergillus niger</i> [ATCC 6275]

([bracketed text] and (text in parenthesis) is optional; *italicized* text is informational.)

Making Claims Against Emerging Viral Pathogens

This product meets the criteria to make the claims (identified below) against the following categories of emerging viral pathogens when the directions for use against Feline Calicivirus are used:

-Enveloped viruses

-Large non-enveloped viruses

Designated claims:

[Product name] has demonstrated effectiveness against viruses similar to [name of emerging virus, which must be large non- enveloped or enveloped virus] on [eligible surface type(s)]. Therefore, [product name] can be used against [name of emerging virus, which must be a large non-enveloped, and/or enveloped virus] when used in accordance with the directions for use against [name of supporting virus(es)] on [hard, non-porous surfaces]. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus, which must be a large non-enveloped, and/or enveloped virus]. [Product name] kills similar viruses and therefore can be used against [name of emerging virus, which must be large non-enveloped, and/or enveloped virus] when used in accordance with the directions for use against [name of supporting virus(es)] on [hard, non-porous surfaces]. Refer to the [CDC or OIE] website at [website address] for additional information.

