



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

December 5, 2022

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Robert McDonald
Science and Regulatory Consultants, Inc.
201 W Van Buren Street
Columbia City, IN 46765

Subject: Notification per PRN 98-10 – State of California requests the term “Virus” be added to the label where Influenza A H1N1 appears
Product Name: Thymox® Disinfectant Spray
EPA Registration Number: 87742-1
Application Date: 01/29/2021
Action Case Number: 00216527

Dear Mr. MacDonald:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact Stacey Grigsby at 703.305.6440 or via email at grigsby.stacey@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Stacey Grigsby
Regulatory Risk Manager, 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

PRODUCT : Thymox® Disinfectant Spray
EPA Reg. No. : 87742-1

{Master Label}

Thymox ® Disinfectant Spray {on front label}

{For [Household][,] [Hospitals][,] [Institutional] [and] [Industrial] Use [One-step Hospital Disinfectant Cleaner¹]

[Thymox® Disinfectant Spray][our formula] [This product] [is a patented technology] [formula] [and] [kills] [destroys] [eliminates 99.9% of] [the following] [household] [germs†][microbes] [microorganisms] [found on household surfaces] [.]

[Thymox® Disinfectant Spray][This product is] [a] [one-step¹] [hospital] [disinfectant-cleaner] [Bactericidal][,] [and] [Tuberculocidal] [,] [and] [Fungicidal][tested according to the AOAC Germicidal Spray Method][and] [Virucidal*][tested according to the ASTM Standard Test Method for Efficacy of Virucidal Agents][,]

ACTIVE INGREDIENT:

Thymol ((present as) a component of thyme oil)..... 0.23%

OTHER INGREDIENTS:..... 99.77%

Total..... 100.00%

{on front label}

Keep Out Of Reach Of Children {on front label}

[CAUTION {on front label}]

Manufactured by
Laboratoire M2
4005-A, Rue de la Garlock, Sherbrooke
Québec, J1L 1W9 CANADA

EPA Reg. No. 87742-1

EPA Est. No. 87742-CAN-001

{The contents, in US measurement, will appear on the front label}

Net contents [XXX] fl oz [xxx mL]

Made in {country}
Manufactured for {name of distributor}
{address of distributor}
[{phone number of distributor}]
[{website of distributor}]

NOTIFICATION

87742-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/05/2022

[The efficacy of] [Thymox® Disinfectant Spray] [this product] [was shown in the presence of 5% organic serum] [.] [against][:] [is effective against] [kills][eliminates 99.9%][:]

[99.9% of] [Bacteria][specifically] [Staphylococcus aureus] [Salmonella enterica (choleraesuis)] [Pseudomonas aeruginosa] [Escherichia] [E. coli] [Escherichia] [E.] [coli O157:H7] [Methicillin-Resistant] [Staphylococcus] [S.] [aureus] [MRSA] [Vancomycin-Resistant] [Enterococcus faecalis] [VRE] [Listeria monocytogenes] [Listeria] [Klebsiella pneumoniae] [K. pneumoniae] [- NDM-1 positive] [Streptococcus suis] [after a contact time of two minutes].

[99.9% of] [Fungi and molds] [specifically] [Trichophyton interdigitale] [Athlete's Foot Fungus] [Candida albicans] [after a contact time of three minutes].

[99.9% of] [Viruses*] [specifically] [*SARS-Related Coronavirus 2] [SARS-CoV-2][USA-WA1/2020][BEI NR-52281] [*Human Coronavirus†] [*HIV-1* [AIDS virus]] [*Swine Influenza A] [*Human Influenza A virus[†]] [(H1N1)][*Respiratory Syncytial Virus[†] (RSV)][after a contact time of one minute]on hard nonporous surfaces. [*Norovirus] [after a contact of four minutes].



{The following claims and instructions may appear on the label:}

***KILLS HIV-1 ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of HIV-1(associated with AIDS).
SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable [protective] [latex] gloves, gown, masks and eye protection.
CLEANING PROCEDURES: Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of [Thymox® Disinfectant Spray][this product].
CONTACT TIME: Allow surface to remain visibly wet for 1 minute.
DISPOSAL OF INFECTIOUS MATERIAL: Blood/body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

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

Visibly soiled [or greasy] [area] [surfaces] require a pre-cleaning.

[]TO CLEAN via Fogging text:** This product can be applied effectively with a ULV fogger as a supplement to normal cleaning procedures on restoration and remediation projects in confined, vacant areas of schools, healthcare facilities, and in HVAC systems as well other vacant, indoor areas. It is effective for pre-cleaning or as a supplement to final cleaning. Note: These use directions are for cleaning only. Efficacy data for disinfectant properties have not been submitted to support disinfectant/fogging claims.

Do not dilute. This product is ready-to-use in ULV foggers. Seal off doors and windows in the area prior to fogging. After fogging, vacate the treated area during the treatment interval as specified by the device manufacturer, and do not re-enter the treated area until all fog has settled or been exhausted. After the treatment interval, ventilate the treated area until the air is purged of all suspended product. Do not operate equipment in the fogged area until the treatment is dry. When fogging as a pre-treatment, follow the cleaning and disinfection procedures on the product label.

{The following use directions for cleaning may appear on the label:}

[]TO CLEAN [and][&][DEODORIZE][and remove allergens[§]]:** [Apply][Spray] the product [on] [to] [the soiled] [area][surface] [and][&] wipe clean. [To] [dislodge] [remove] [eliminate] [stubborn] [tough] [heavy][stains][dirt][soil] [allow][let] [leave] [product] [to] [stand] [act] [for][1][2][3][4][5][minutes][a few minutes][and][&] [wipe clean.] [Visibly soiled surfaces require a pre-cleaning with a non-scratch sponge.] For soft surfaces: spray to wet surface and wipe [or blot] [to clean]. [Always] [test an inconspicuous area first.]

[TO REFILL:] [Remove sprayer. Pour in product from refill container. Replace sprayer]

Air DEODORIZER: Spray this product in your kitchen, bathroom, living room, or anywhere lingering and or unpleasant odors occur in the air to deodorize instantly.

TO DISINFECT: For use on hard non-porous surfaces. Spray to [thoroughly][completely] wet the surface [to be disinfected] with [the][product][spray][Thymox® Disinfectant Spray] [(spot test to check compatibility [with the surface])]. Surfaces must remain visibly wet for 2 minutes to kill bacteria [and] 3 minutes to kill fungi [,], [3 minutes to kill M. bovis BCG [TB] [and] 1 minute to kill viruses* [,] To disinfect Norovirus*, let stand for 4 minutes.[Allow to air dry.] [If desired, wipe dry.] *{Fungal, M. bovis, and viral contact times will be listed if these organisms are on container label}{text will appear as necessary for organisms listed on the container label}*

[On food contact surfaces, no rinse is required][No rinse required, even on food contact surfaces]

Food [products and packaging materials] must be removed or carefully protected prior to using this product.

{The following use directions for sanitization may appear on the label:}

TO SANITIZE: Spray to [thoroughly][completely] wet the surface [to be sanitized] with [the] [product] [spray][Thymox® Disinfectant Spray]. Surfaces must remain visibly wet for 30 seconds on hard nonporous surfaces and [^]2 minutes for soft surfaces. [No rinsing required.]

Food [products and packaging materials] must be removed or carefully protected prior to using this product. [This product is effective as a Non-Food Contact Sanitizer against Enterobacter

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

aerogenes and Staphylococcus aureus on hard non-porous surfaces in 30 seconds and on soft surfaces in 2 minutes.]

{Alternate soft surface sanitization directions for use:}

[^]For Garment & Fabric Care: To refresh and deodorize fabrics and garments, spray article/fabric until wet ([but] do not saturate) to eliminate odors. To sanitize and eliminate odors at the source, fabric must remain wet for 2 minutes. Allow to air dry.

TO SANITIZE PRECLEANED FOOD-CONTACT SURFACES: Spray to thoroughly wet the surface. Allow surface to remain visibly wet for 60 seconds and air dry.[No rinsing required.] *{The following directions for Storage and Disposal will appear on the label according to the intended use}*

ELECTROSTATIC SPRAYING – General Directions: Consult User Manual for Electrostatic Sprayer before use. Remove by-standers and pets from the area to be treated. Spray droplet particle size should be set to a limit volume median diameter of $\geq 40\mu\text{m}$. Use half face respirator with chemical specific cartridge and N95 filters. Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF. [Once treatment is complete, make sure sprayed product has settled before reentry to the treated space.] [Consider material compatibility and potential for damage prior to application.]

ELECTROSTATIC SPRAYING – [Multi-Surface] [One-step Cleaner and] Disinfectant: To disinfect hard, non-porous surfaces, visibly soiled areas are required to be precleaned. Apply product with electrostatic sprayer to hard, non-porous surfaces. Spray approximately 1 to 2 feet from surfaces; spray for 10 to 15 seconds making sure to wet surfaces thoroughly. All surfaces must remain visibly wet for 2 minutes to kill bacteria and 1 minute to kill viruses*. To disinfect Norovirus*, let stand for 4 minutes. [Reapply if necessary.] [Let air dry.] [If desired wipe dry.][When using on food contact surfaces, no rinse is required.]

{The following use directions for Farms Premises and Veterinary use may appear on the label:}

[FARM PREMISES AND VETERINARY USE:

1. Remove all animals and feed from premises, vehicles, and enclosures.
2. 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.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the disinfecting solution for a period of [3 minutes for fungi] [,] [2 minutes for bacteria] [and/or] [1 minute for viruses*]
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Rinse all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with potable water before reuse.

BARBER/BEAUTY SALON INSTRUMENTS AND TOOLS: Immerse pre-cleaned barber/beauty salon instruments and tools (such as combs, brushes, razors, scissors, blades, and manicure instruments) in ready to use solution for 3 minutes. For visibly soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use. A fresh solution must be prepared daily or more often if solution becomes diluted or soiled.

{NONREFILLABLE HOUSEHOLD OR RESIDENTIAL USE}

STORAGE AND DISPOSAL

Store at room temperature [20-25C][68F-77F] in a secure area inaccessible to children. Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or discard in the trash.

{HOUSEHOLD OR RESIDENTIAL CONTAINER INTENDED TO BE FILLED WITH THIS PRODUCT BY USER}

STORAGE AND DISPOSAL

Store at room temperature [20-25C][68F-77F] in a secure area inaccessible to children. Do not reuse or refill this container except as described in the directions for use. Refill only with this product. Offer for recycling if available or discard in the trash.

{NONREFILLABLE CONTAINERS FOR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL USES – ALL SIZES}

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store at room temperature [20-25C][68F-77F] in a secure area inaccessible to children.

PESTICIDE DISPOSAL: Use up product in accordance to use directions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill empty container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{CONTAINERS FOR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL USES – ALL SIZES, INTENDED TO BE FILLED WITH THIS PRODUCT BY USER}

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store at room temperature [20-25C][68F-77F] in a secure area inaccessible to children.

PESTICIDE DISPOSAL: Use up product in accordance to use directions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse or refill this container except as described in the directions for use. Refill only with this product. If not refilling, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{Marketing Claims }

[You can][Use][Thymox® Disinfectant Spray][this product] [in] [on the following hard, non-porous surfaces:] [and] [locations:]

-or-

[suitable for use on hard, nonporous surfaces in {insert site from Table 1}]

<p>{TABLE 1} {Use sites}</p> <p>[Suitable for use on hard, non [-] porous surfaces in [residential, medical, commercial] [and][or] [[insurance] restoration, decontamination & remediation sites] [applications] (fire, water [(clean, grey or black)], [sewage], [fungal contamination], [and][or] [trauma scene] [applications], including:]</p>	
<p>[the kitchen]</p> <p>[the bathroom]</p> <p>[your house] [Residential] [Apartments]</p> <p>[Attics] [Basements] [Crawl spaces]</p> <p>[public [buildings] [areas] [transportation]]</p> <p>[the office]</p> <p>[Medical] [Dental] [Offices] [Labs]</p> <p>[operatories] [schools][Waiting room]</p> <p>[Oral Healthcare Facilities] [Health Care Facilities] [Surgery centers]</p> <p>[Clinics]</p> <p>[Hospitals] [Emergency areas] [areas]</p> <p>[Intensive care] [Operating] [rooms]</p> <p>[Nursing Homes]</p> <p>[Day Care Center]</p> <p>[Nurseries]</p> <p>[Ambulances] [Police] [EMS vehicles]</p> <p>[vehicles]</p> <p>[Institutional Kitchens]</p> <p>[Cafeterias]</p> <p>[Stores]</p> <p>[Restaurants]</p> <p>[Food Processing Plants]</p> <p>[Laboratory equipment]</p> <p>[lights][lamps][switches][fixtures]</p> <p>[transportation equipment]</p>	<p>[Public Restrooms]</p> <p>[Taxis]</p> <p>[Hotels and Motels]</p> <p>[Institutional facilities]</p> <p>[Correctional facilities] [Jails] [Prisons]</p> <p>[Military Installations]</p> <p>[School[s]] [Buses]</p> <p>[Church]</p> <p>[Dormitory]</p> <p>[Classrooms]</p> <p>[Colleges]</p> <p>[Athletic facilities]</p> <p>[Shower] [and] [Bath] [areas] [floors] [walls]</p> <p>[stalls]</p> <p>[Barber Shops, Beauty and Tanning Salons]</p> <p>[Airports/Airplanes]</p> <p>[Farms (Livestock; Dairy; Fruits and Vegetables)]</p> <p>[Zoo premises] [Veterinary premises]</p> <p>[Cruise ships] [Yachts] [Boats]</p> <p>[Fitness Studio] [Fitness center] [Studios]</p> <p>[Gym[s]] [Spa[s]]</p> <p>[Campers] [Recreational vehicles] [RVs]</p> <p>[Mobile homes]</p> <p>[Pet [areas] [Habitats] (empty)]</p>

[You can][Use][Thymox® Disinfectant Spray][this product] [Suitable for use] [on][any][all] hard, non-porous surfaces [where] [bacteria][virus*][microbes][microorganisms] [germs¹] [or] [strong] [unpleasant] [odors] [reside][are [usually] present] [are likely to be present] [are a concern][,] [including] [such as] [;].]

<p>{TABLE 2}</p>	
<p>[Countertops]</p> <p>[cabinets]</p> <p>[chairs]</p> <p>[Stovetops, Allow to adjust to room temperature before treatment/disinfecting]</p> <p>Range hoods</p> <p>[Refrigerator exteriors]</p> <p>[Trash Cans] [Floors] [Garbage cans]</p> <p>[[Children's][School][Toys] Disinfectant Spray]</p> <p>[Appliance exteriors]</p> <p>[Baby Furniture] [Changing tables] [Cribs]</p> <p>[Highchairs] [Diaper Pails]</p> <p>[Telephones] [Door handles]</p>	<p>[PPE (personal protective equipment)]</p> <p>[Hard, non-porous surfaces of Sinks]</p> <p>[Bathtubs]</p> <p>[Vanities]</p> <p>[Walls]</p> <p>[Windows]</p> <p>[Mirrors]</p> <p>[Toilet seats]</p> <p>[Hard sporting equipment]</p> <p>[(Cups)][Helmets]</p> <p>[Examination Tables] [Patient Chairs]</p> <p>[Tables][Door]</p> <p>[Hard, Patio Furniture]</p>

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

[Keyboards] [Grill exteriors] [Computer screens] [TV Screens] [Sealed wood[work]] [Sealed grout] [water] [drinking] fountain exteriors [Washing Machine interior and exterior] [Dish rack[s]]	Cell phones Environmental inanimate hard surfaces Microscopes Playground equipment Nonporous play mats Metal workbenches Trays [Exhaust fan]
Workstations [CPAP Systems] [,] [Nebulizers, Mask, ventilators, CPAP and BiPAP tubing and other respiratory care device accessories]	[accessible] coils & drain pans of [HVAC and] [&] R equipment [air conditioning and] [&] refrigeration equipment & heat pumps [HVAC and] [&] AC Systems

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

{TABLE 3} {Direct Food Contact Surfaces}	
[Plastic][silicone][sealed marble][sealed wood][sealed bamboo]Cutting boards	[Metal][Plastic][Silicone] bakeware
Baking tools	[Metal][Plastic][Glazed ceramic] Serving trays
Pacifiers	Microwave interiors
Toaster[s][interiors][trays] (should be at room temperature for treatment)	[Indoor and Outdoor]Grill interiors
Crockery (plates, dishes, cups)	Pots and Pans
Utensils	Glassware
Baby toys	[Food preparation surfaces]

{The product} [It] [will not] [harm] [damage]
{Use on} [Safe on][hard] [Non-porous] [materials][surfaces] [such as][:].

{TABLE 4} {Surface Materials}	
[Metal] [Glazed Ceramic] [Glazed Porcelain] [Glazed enameled surfaces] [Glass] [Sealed Marble] [Steel] [Stainless Steel] [coated linoleum] Formica® [laminated] [Plexiglas®]	[Brass] [Aluminum] [Sealed Concrete] [Plastic (such as polypropylene, polystyrene, polyethylene, PVC)] [Glazed Tile] [Sealed Fiberglass] Sealed [or Varnished] wood] [Chrome] [surfaces] Rubber Nonporous vinyl Washable painted [or varnished] surfaces

§This product removes the following allergens: dust mite [matter] [debris] [particles], cat [dander] [fur], dog [dander] [fur], mouse [dander] [fur], rat [dander] [fur], guinea pig [dander] [fur], cockroach matter [-or-debris-or-particles], peanut, birch pollen, timothy grass pollen, rag weed pollen.

{TABLE 5} {Surfaces on which the product may be used as a cleaner only, “ ** ”}	
[Grout] [Leather]	[Carpet - spot clean]

{TABLE 6} {Stains/soils/odors, “ ** ”}
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Carpet Stains	Bathtub rings [water spots]
Grime	Dirt
Soap Scum	Food stains (blueberry, spaghetti sauce)
Magic Marker	[Pencil][pen][ink][Crayon] [marks]
Grease [splatter]	Motor oil
[Dried][beverage][coffee][red wine][grape juice]	Grass [stains]
Handprints	Fingerprints
[Smears] [smudges][scuff marks]	Cosmetic stains
Mineral deposits	Pet [odor][stains]
Kitchen odors	Smoke [odors]
Bathroom odors	

{Note to reviewer: The “ ** ” qualifier is only required if surfaces of Table 5 and stains of Table 6 are on container label. The qualifier will be inserted if “cleaning” is not clearly mentioned with the surface or stain. If not clearly mentioned, qualifier will be at the end of the enumeration and next to graphics.}

{Table 7} {Soft Surface Sanitization Uses, “ ^ ”}	
Drapes	Curtains
Duffel bags	Pillowcases
Blankets	Laundry bags
Upholstery	Sheets
Fabric	Towels
[upholstered] [Furniture][couch] [chair] surfaces	Mattress surfaces
Bedding [or comforters]	Exercise mats
Cotton	Clothing
Fabric [shoes] [sneakers] [insoles]	Polyester
Throw [or Area] Rugs	Pillow surfaces
Fabric luggage	Outerwear
Delicates [undergarments] [lingerie] [hosiery] [dresses] [scarves] [soft hair accessories]	

{Note to reviewer: The “ ^ ” qualifier is only required if surfaces of Table 7 are on container label. The qualifier will be inserted if “soft surface sanitization” is not clearly mentioned with the surface. If not clearly mentioned, qualifier will be at the end of the enumeration and next to graphics.}

Use on [Safe on] hard Non-porous materials [surfaces] such as [:] [.]

{TABLE 8} {Horticultural and Greenhouse sites}	
[basement greenhouses]	[[accessible] exterior of [ventilation system] [plant cooler] [irrigation system] [hoses]]
[[plant][aquaponic] [aeronic] [hydroponic] growing facilities]	[gardening] [cutting] [tools]
[greenhouse] [botanical garden] [transplant] [equipment] [machinery] [tools][surfaces]	[plant [grow] [shelves] [row covers] [display racks] [benches] [blanket] [shelters] [domes] [mats] [inserts]]
[[vegetables or fruits [storage area] [transport vehicle] [transport racks]]	[[flower][and] [plant] [pots] [buckets] [containers]]

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer’s comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

[plant [carts] [wagons] [nurseries]]	[bench tops] [bins] [crates] [totes]
[greenhouse][film][window]	[work tables]
[propagation [tools] [areas]]	[plant growing [chambers] [room]]
[[botanical] [horticultural] facilities]]	[compost [bins] [equipment]]
[garden centers]	[plant [holding] [storage] areas]
[landscape nurseries]	[germination stations]
[greenhouse [heaters] [fans] [lightnings] [fixtures] [covering] [doors] [climate control] [thermometers] [hoof vents] [timers]]	[seed-starting supplies]
[soil testing equipment]	[polycarbonate panels]
[rain water catching drains]	[polyethylene [plastic] film]
[display shelving]	[measuring cups]
[scissors]	[grow [tents] [nets]]
[[pollination] [plant] [flower] trays]	[supply [cupboard] [shelving]]

[New!] [Brand New!] {up to 6 months after date of first sale}
[Kills] [Reduces][Disinfects][Eliminates] [over] [99.9% of] [household] [bacteria] [germs[†]] [viruses*]
[in 3 minutes] [in 4 minutes] {if Norovirus is claimed} [on hard, nonporous surfaces]
[specifically] [including] [such as]
[Kill(s)] [Effective against] [Norovirus] [Norwalk virus] [Feline calicivirus] [,] [in just 4 minutes!]
[Disinfect [and] [sanitize] [sleep equipment and hard surfaces.] [and keep nebulizers, masks, ventilators, CPAP and BiPAP tubing and other respiratory care device accessories clean and odor free.] [your CPAP mask equipment [within 3 minutes] [within 4 minutes] {when Norovirus is claimed} [,]
[Formulated for use with [mechanical] [,][manual] [or] [battery/power operated] [sprayer] [,]

{Disinfection Bacteria}

<p>^(†)[Staphylococcus aureus] [S. aureus] [†][Salmonella enterica] [(choleraesuis)] [S. enterica] ^(†) [Pseudomonas aeruginosa] [P. aeruginosa] [Escherichia coli] [E. coli] [†][Escherichia coli O157:H7] [E. coli O157:H7] [Methicillin-Resistant] [Staphylococcus [S.] aureus [MRSA] [Vancomycin-Resistant] [<i>Enterococcus faecalis</i>] [VRE] [†][Listeria monocytogenes] [L. monocytogenes] [Klebsiella pneumoniae – NDM-1 positive] [K. pneumoniae NDM-1] [Streptococcus suis] [S. suis] [in 2 minutes] [on hard, nonporous surfaces]</p>

{Fungi}

<p>^(†)[Trichophyton interdigitale][Athlete's Foot Fungus][[T.] [T. interdigitale] [interdigitale] [Candida albicans] [C. albicans] [in 3 minutes] [on hard, nonporous surfaces]</p>
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{Viruses, on hard, nonporous surfaces}

	Contact times
^(†) [*Human Coronavirus [†]]	[in 1 minute]
[*HIV-1*] [AIDS virus]	[in 1 minute]
[Swine*Influenza A][[(H1N1)] [*Influenza A virus H1N1 [†]]	[in 1 minute]
[*Respiratory Syncytial Virus (RSV) [†]][*SARS-Related Coronavirus 2] [SARS-CoV-2][USA-WA1/2020][BEI NR-52281 on hard nonporous surfaces]	[in 1 minute]
[*SARS-Related Coronavirus 2] [SARS-CoV-2][USA-WA1/2020][BEI NR-52281] on hard, nonporous surfaces	[in 1 minute]
[*Norovirus] [in 4 minutes] [on hard, nonporous surfaces]	[in 4 minutes]

{Mycobacteria}

[Mycobacterium bovis BCG] [M. bovis BCG][Mycobacterium bovis (TB)] [in 3 minutes] [on hard, nonporous surfaces]

{Note to reviewer: The “†” qualifier is only required if “germs” claims are on container label.}

{Hard Nonporous Non-food Contact Sanitization}

Staphylococcus aureus [(ATCC 6538)]	Contact Time
Enterobacter aerogenes [ATCC 13048]	30 Seconds

{Soft Surface Sanitization}

Staphylococcus aureus [(ATCC 6538)]	Contact Time
Enterobacter aerogenes [ATCC 13048]	2 minutes

{Food Contact Surface Sanitization}

Staphylococcus aureus [(ATCC 6538)]	Contact Time
Escherichia coli [(ATCC 11229)]	1 minute

[Kills bacteria that can cause food poisoning[†]]
[Kills antibiotic resistant bacteria: MRSA (Methicillin Resistant *Staphylococcus aureus*), Vancomycin-Resistant *Enterococcus faecalis*, *Klebsiella pneumoniae*]
[Broad-Spectrum Disinfectant] [Disinfectant]
[All purpose Cleaner]
[Kitchen Cleaner]
[Bathroom Cleaner]
[General Household Cleaner]
[Disinfecting] [Disinfectant¹] [Cleaner][Cleaning][Spray]
[Disinfectant Cleaner Spray¹]
[For everyday use]
[For daily use cleaning and disinfecting]
[Tough on dirt][!]
[Heavy Duty cleaner]
[Cleaner and Disinfectant¹] [in a single bottle!]
[2 in1 Household Cleaner & Disinfectant¹]
[One Step Cleaner & Disinfectant¹]
[Disinfects and cleans¹] [!] [at the same time]

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

[Deodorizes]
[Effectively][Controls][unpleasant][strong][odors]
[Eliminates] [malodors] [tobacco odors]
[Deodorizer]
[Cleans, disinfects, sanitizes and deodorizes¹] [!][and leaves a fresh botanical scent]
[Cleans [and Disinfects¹] without bleaching]
[Free from] [chlorine][.] [and][or][phosphate]
[Contains] [No] [Does not contain] [abrasives] [chlorine] [bleach] [harsh chemical] [residue]
[Bleach free] [Free from bleach] [no chlorine bleach][bleach alternative]
[Non abrasive formula] [Non-Abrasive formula]
[Disinfects] [as it cleans¹] [while you clean¹]
[It's Both (A Heavy Duty Cleaner and Disinfectant¹)]
[Odor Eliminating] [with Forever Fragrant]
Infused with the subtle scent of Forever Fragrant {insert scent descriptor}
Scent infused [with] {insert fragrance name}
[A] [Cleaning and Disinfecting Formula¹]
[Streak-free][Sparkling shine]
[Ready to Use (RTU)]]
[A better way to clean]
[Kills][Eliminates][odor causing bacteria]
[Try it on your mirrors!]
[Contains] [no Chlorine] [no ammonia] [no dyes]
[Contains] [no Phosphates]
Formulated without phthalates, propylparaben, butylparaben, formaldehyde, formaldehyde-donors, or NPE's [nonylphenol ethoxylates]
[no shaking required!]

[Botanically derived] [active ingredient] [.] [kills cold and flu viruses²]
[Essential Oils Technology]
[Thymol, [is] a component of Thyme Oil]

[Cleaning Thyme!]
[Thyme for change!]
[Cuts Cleaning Thyme!]
{name of actual scent in product} [scent]
[Subtle Fragrance]
{Product scent name} [Orange Blossom] [Fresh Linen] [Warm Vanilla] [Spring Meadow] [Frosted Lemon] [Fresh Coconut] [Sweet Honeydew & Cucumber] [Citrus Water] [Grapefruit and Lemongrass] [Fragrance]
[It] [Leaves a] [Fresh] [pleasant] [Thyme] [scent]
[It] [Leaves a] [pleasant] [Fresh] [and] [clean] [Thyme] {name of actual scent in product} [aroma]
[It] [Leaves a botanical scent]
{These claims only if no artificial odor is actually added to the product}
[Contains] [no fragrance]
[No [artificial] fragrance added]
[Fragrance free]

[Disinfects bacteria, fungi and viruses* in [3 minutes!] [4 minutes] {if Norovirus is claimed} [3 min kill time] [4 min kill time] {if Norovirus is claimed}
[Kills bacteria, fungi and viruses*] [!]
[Disinfects bacteria in 2 minutes!] [Disinfects viruses* in 4 minutes!]
[Kills the causal agent of tuberculosis TB in 3 minutes!] [Kills M. bovis BCG in 3 minutes!] [Kills mycobacteria bovis in 3 minutes!]

[Kills] [eliminates 99.9% of] [*SARS-Related Coronavirus 2] [SARS-CoV-2][USA-WA1/2020][BEI NR-52281][causative agent of COVID-19][the virus that causes COVID-19] [in [just][only] 1 minute!]]on hard nonporous surfaces
Effective against SARS-Related Coronavirus 2 [SARS-COV-2 [USA-WA1/2020] [in 1 minute]
Disinfects surfaces by killing [99.9%] SARS-Related Coronavirus 2 [SARS-CoV-2] [USA-WA1/2020] [in One Step] on hard nonporous surfaces
Kills [99.9% of] [Effective against] SARS-CoV-2, [the virus] which causes COVID-19* on hard nonporous surfaces
Effective against SARS-CoV-2 virus on hard nonporous surfaces (agent of the respiratory illnesses COVID-19) responsible for the 2019 severe acute respiratory syndrome/disease/outbreak/epidemic/pandemic (COVID-19)
Kills SARS-CoV-2 [COVID 19 virus] [virus] on hard non-porous surfaces
Effective against SARS-CoV-2 (COVID 19 virus) on hard nonporous surfaces
Kills [COVID-19 Pandemic] SARS-CoV-2 Virus [formerly called SARS-nCoV] on hard nonporous surfaces
This product [product name] is a broad-spectrum, hard non-porous surface disinfectant that has been shown to be effective against SARS-CoV-2 [COVID-19 virus tested and listed on the label]
[Kills Mycobacterium bovis (TB) in 3 minutes!][Inventor]{Laboratoire M2 Logo}
[A] [great] [Powerful Clean with No Compromises] [New Way to Clean with Power] [Perfect][for keeping] [your home] [Keep a] [clean [home] for [your] family] [&] [and] [Pets] [Powerful clean without compromise] [Powerful clean without the problems] [Miracle in Cleaning Technology]
[All the clean, none of the worry]
[Don't compromise] [with] [your cleaning power]
[Patented power for a perfect clean]
[Driven by Thymox Technology]
[Clean] [perfectly] [smarter] [.] [with the cleaning power of science] [clean better] [redefined]
[Redefine] [Reimagine] [the meaning of clean] [the power of clean]
[Science that makes your world work]
[Stay smart, stay clean, stay happy]
[The power of a perfect clean] [.] [the power of clean] [Your clean on your terms]
[Pull back for instructions] [See inside label for complete Directions for Use]
[For visibly heavily soiled surfaces, use with a non-scratch scrub sponge]
[It] [Kills Colds and Flu Viruses²] [Botanically]
[Suitable] [Great] [for][to] [use] [in] [around] [Family] [&] [and] [Pet][s] [Cat][or] [Dog] [areas]
[A] [new] [up to 6 months after date of first sale][smart] [great][powerful [way to] clean][fast][faster] [strong] [perfect] [better] [way to clean] [clean] [your home] [for your family] [&] [pets][!]
[Suitable for use on hard, nonporous surfaces where [bacteria] [and/or] [unpleasant odors] are present]
[On-The-Go] [To-Go] [Pen Packs]
Clean is not clean [un]til you use Miracle Clean!
Clean is not clean until it's Miracle Clean
It's not clean until it's Miracle Clean
Use on hard-to-wash fabrics throughout your home, like throw rugs, furniture, upholstery, bedding, toys, gym bags
Will not harm or damage fabrics
Eliminate odors [on soft surfaces] [fabrics] [and in the air]
[Freshen] [Refresh] and deodorize the air [instantly]
Deodorize and sanitize soft surfaces
Fabric and Garment [instant] refresher
Subtle scent boost
[Instant] [fabric] [re]fresh[er]
The final touch to your cleaning routine!
You daily dose of freshness!
A powerful refresher and deodorizer [for fabrics] [and garments]

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions

A fine mist of freshness
[Home] [room] [and] [fabric] Spray
[Perfect for] [Use] in-between washes
Freshen [& Deodorize] [& Sanitize]
Sanitizes 99.9% of bacteria
A disinfectant [spray] [mist]

[Disinfectant Cleaner¹]
[Multi-Surface Cleaner]
[It][Cuts grease][&] [and] [grime]
[Driven by] [Thymox Technology][Inside][Thymox] [US PTO] [Worldwide] [Internationally]
Patented [technology] [formula] [formulation] [composition] [US 8,691,292 B2]
[Worldwide] [Internationally] [Patent protected] [in USA]
[Formulated][by][with][Thymox Technology]
[Don't Compromise!]
[4 in 1!] – Cleans, Disinfects¹, Deodorizes, Sanitizes
[Cleans [and disinfects¹] virtually every hard nonporous surface everywhere, and eliminates
99.9% of common allergens^{s1}]
[Deodorizes with the [patented] power of Forever Fragrant® [technology]]
[Sanitizes soft surfaces in just 2 minutes]
[Removes common non-living allergens^s]
[Eliminates 99.9% of most allergens^s [immediately] [instantly] [upon contact] including dust mite
[matter] [debris] [particles], cat [dander] [fur], dog [dander] [fur], mouse [dander] [fur], rat
[dander] [fur], guinea pig [dander] [fur], cockroach matter [-or-debris-or-particles], peanut,
birch pollen, timothy grass pollen.
Say goodbye to dirt, dust mite debris [-or-matter] and other [microscopic] allergens^s that build up
around your home.
Not only do allergens^s cause allergies, they may also lead to asthma!
Allergens^s are known to [trigger] [lead to] [contribute to] other health concerns
Great for people who suffer from allergies and asthma
With the patented power of Forever Fragrant® technology, this product doesn't just mask odors
temporarily, it eliminates them [in X time] [immediately]
[This product] destroys odors [in X time] [immediately]
[This product] eliminates 99.9% of odor-causing bacteria at the source, so odors do not come
back.
Cleans {insert surface/stain from Table 5-6}

No [rinse][rinsing][required][needed] on food contact surfaces
On food contact surfaces, no [rinse][wipe] is required
Rinse free [formula]
Use on [food contact surfaces] [including [kitchen tables][kitchen counters][appliances][high chair
trays][and]{Insert any location, item, or surface material from Tables 1-4}No rinse required on
[baby] [children's] toys and furniture
[Can be used on] [Baby Toys] [and] [Furniture]
[Cleans, disinfects¹, sanitizes and deodorizes] [{insert site/surface/material from Tables 1-4}]
[Thymox Disinfectant Spray] {insert product name} [reduces cross contamination on treated
precleaned, hard, non-porous, inanimate surfaces.]
[Effective cleaning for ALL Types of CPAP, BiPAP, and Oxygen Therapy Masks, Tubing and
Accessories] [Will not harm, crack, or deteriorate soft plastic with continuous use.]
[Commercial, Residential, Institutional Soft surface Sanitizer and Cleaner]
[Reduces cross-contamination from treated surfaces]

[For foldout label: Peel [here] [for] [additional] [directions]

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¹ When used according to disinfection directions

[Contains no] [added dyes] [added colors] [alcohol] [synthetic fragrances {if no fragrance}] [known
or suspected endocrine disruptors] [chlorinated compounds] [petrochemical[s][petroleum]
[derivatives] [heavy metals such as copper sulfate] [hydrogen peroxide] [quaternary ammonium]
[glycolic acid] [sodium hydroxide] [lactic acid] [alkyl dimethyl benzyl ammonium chloride]
[phenylphenol] [butyl solvents] [A.P.E.'s (Alkylphenol Ethoxylates)] [chlorinated solvents]
[phthalates]

[Non-Flammable formula] [No PPE required] [No protective personal equipment] [Non-corrosive]

[Cleans] [Removes] [Eliminates] [dirt] [and] [mold] [on] [[flower] [and] [plants] [pots] [and] [buckets]
[containers]]
[Botanical disinfectant solution for greenhouse]
[For [greenhouse] [horticultural] use]
[Greenhouse] [Horticultural] [Botanical] [sanitizer] [and] [cleaner] [disinfectant¹]
[[Cleaning] [and] [disinfection] has [have] never been easier!]
[For [an] [accurate] [the] management of your greenhouse [facilities] [areas]]
[Can be used in routine cleaning [and] [disinfection] of gardening [installations] [facilities] [tools]]
[Suitable for [greenhouse] [caterpillar tunnel] structure [frame]]
[Keep your [harvest] [planting] areas [clean] [well-prep] [without comprise]]
[[Clean] and [Disinfect¹] in one step any [spills] [or] [messes]]
[[Sanitize] your [plant environment] [hydroponic system]]
[Keeping your grow rooms as clean as possible has never been easier]
[[Don't] [never] [make] compromise for your planting areas]
[Ready-to-use [disinfectant¹] [sanitizer] [and] [cleaner] for greenhouse]
[Specifically designed for the greenhouse industry, this [disinfectant¹] [and] [cleaner] insures the
highest quality standards for your production]
[Outsmart dirt] [,] [set new cleaning standards]

Disinfectant for use with electrostatic sprayers against bacteria and viruses*.

[Disinfect][For use][with][using] (insert applicator/sprayer name) Electrostatic Sprayer(s)
[Use] (Product name) [is a] Ready to Use Disinfectant with (insert applicator/sprayer name)
Electrostatic Sprayer(s)
Save time and money by using (insert applicator/sprayer name) Electrostatic Sprayer(s) with
(Product name)
[Disinfect][Cover] large areas [efficiently][faster] with (insert applicator/sprayer name) Electrostatic
Sprayer(s)
Reduce cross contamination with (insert applicator/sprayer name) Electrostatic Sprayer(s)
Easily Disinfect [High Touch] [High Traffic] areas with (Product name) and (insert
applicator/sprayer name) Electrostatic Sprayer(s)
For Use as a Bactericide and Virucide* [by Electrostatic Spraying] [with (insert applicator/sprayer
name) Electrostatic Sprayer(s)]
[Fight][Kill] SARS-CoV-2, the virus that causes COVID-19 with (insert applicator/sprayer name)
Electrostatic Sprayer(s)
(Product name) has been tested and approved to use [through] [with] [an] electrostatic sprayer(s)
[(Product name)][Tested][Approved][formulated] for use with (insert applicator/sprayer name)
Electrostatic Sprayers
(insert applicator/sprayer name) Approved

No rinsing or wiping required [even] when used with (insert applicator/sprayer name) Electrostatic Sprayer(s) and (Product name)
 Spray hard to reach areas with (insert applicator/sprayer name) Electrostatic Sprayer(s)
 Apply Up to 75% faster [by spraying] with (insert applicator/sprayer name) [When compared to traditional trigger sprayer.]
 Apply Up to 3 times faster [by spraying] with (insert applicator/sprayer name) [When compared to traditional trigger sprayer.]
 Take Charge with (insert applicator/sprayer name) Electrostatic Sprayer(s) and (Product name)
 [Use] (Product name) with any Electrostatic Sprayer(s)



[Fresh coconut]

[Citrus water]

{Optional Graphic / Logo}



{Optional Graphic – following graphic may or may not appear on label}



[Sweet Honeydew & Cucumber]

[Frosted Lemon]



{Optional - Good Housekeeping Seal}

{Optional - Graphics reflecting fragrance or accepted surfaces}



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¹ When used according to disinfection directions

{Added sprayer}



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¹ When used according to disinfection directions



Doctor's Office



Dentist's Office



Hotels



Airports and Airplanes



Professional Kitchens and Restaurants



Salons and Barber Shops

Taxis



Day Care

Custodial

Locker Rooms



Shower & Bath

Cafeterias

Churches



Hospitals

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 * When used according to disinfection directions



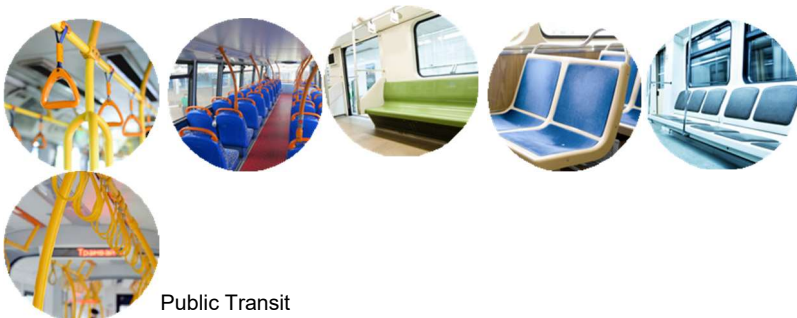
Dormitories/Bunks



School Bus



Classroom



Public Transit



{Emerging Viral Pathogen - Request to add Terms of Registration as outlined in Attachment 1 of the guidance document}

**Attachment 1
Terms of Registration Associated with the Guidance for Making Claims against Emerging Viral Pathogens Not on EPA-Registered Disinfectant Labels**

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

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

- Enveloped Viruses
- Large Non-Enveloped Viruses

<i>For an emerging viral pathogen that is a/an...</i>	<i>...follow the directions for use for the following organisms on the label:</i>
Enveloped virus	Norovirus (Feline calicivirus surrogate)
Large, non-enveloped virus	Norovirus (Feline calicivirus surrogate)

Acceptable claim language:

[Product name] has demonstrated effectiveness against viruses similar to **[name of emerging virus]** on hard, non-porous surfaces. Therefore, **[product name]** can be used against **[name of emerging virus]** when used in accordance with the directions for use against **Norovirus (Feline Calicivirus surrogate)** on hard, non-porous surfaces. Refer to the **[CDC or OIE]** website at **[pathogen-specific website address]** for additional information.

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¹ When used according to disinfection directions

[Name of illness/outbreak] is caused by [name of emerging virus]. [Product name] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against **Norovirus (Feline Calicivirus surrogate)** on **hard, porous surfaces**. Refer to the [CDC or OIE] website at [website address] for additional information.

{All text in brackets [] is optional and may or may not appear on the printed label} {All text in braces {} is meant to facilitate the reviewer's comprehension of the document, and will not appear on the printed label}

¹ When used according to disinfection directions