



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 27, 2019

Bob MacDonald
Agent for Laboratorie M2
Scientific & Regulatory Consultants, Inc
201 W. Van Buren Street
Columbia City, IN 46725

Subject: Label Amendment – Add an additional microorganism, Norovirus, to the label
Product Name: Thymox Disinfectant Spray
EPA Registration Number: 87742-1
Application Date: February 06, 2019
Decision Number: 548573

Dear Mr. MacDonald:

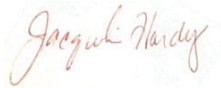
The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing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

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 Stacey Grigsby by phone at 703-305-6440, or via email at grigsby.stacey@epa.gov.

Sincerely,



Jacqueline Hardy, Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: Approved stamped label

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 Cleaner]

[Thymox® Disinfectant Spray][four formula] [This product] [is a patented technology] [formula] [and] [kills] [destroys] [eliminates] [the following] [household] [germst][microbes] [microorganisms] [found on household surfaces] [.]

[Thymox® Disinfectant Spray][This product is] [a] [one-step] [hospital] [disinfectant-cleaner] [Bactericidal][.] [and] [Tuberculocidal] [.] [and] [F-ungicidal][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}]



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

[99.99% of] [Bacteria][specifically]
[Staphylococcus aureus] [Salmonella enterica (choleraesuis)] [Pseudomonas aeruginosa] [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].

[99.99% of] [Fungi and molds] [specifically]
[Trichophyton mentagrophytes] [Athlete's Foot Fungus] [Candida albicans] [after a contact time of three minutes].

[99.9% of] [Viruses*] [specifically]
[*Human Coronavirus*] [*HIV-1* [AIDS virus]] [*Swine Influenza A] [*Pandemic Human Influenza A*] [(H1N1)][*Respiratory Syncytial Virus* (RSV)][after a contact time of one minute].
[*Norovirus] [after a contact of four minutes].

{The following claim may appear on the label}
[Respiratory illnesses attributable to Severe Acute Respiratory Syndrome ("SARS") are caused by a Coronavirus. Thymox® Disinfectant Spray is a broad-spectrum hard surface disinfectant that has been shown to be effective against other similar viruses.]

{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 wet for 1 minute. A 2 minute contact time is needed for bacteria and a 3 minute contact time for fungi and M. bovis.
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}

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

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 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}

{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 heavily 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 REFILLED 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}

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

Heavily 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.
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]&[IDEODORIZE][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][.] [2][3][4][5][minutes][a few minutes][and]&[wipe clean.] [Heavily 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 wet for 2 minutes to eliminate bacteria [and] 3 minutes to eliminate fungi [.] [.] 3 minutes to eliminate M. bovis BCG [TB] [and] 1 minute to eliminate 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 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 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:}

{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}

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

{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}]

{TABLE 1} {Use sites}	
[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:]	
[the kitchen]	[Public Restrooms]
[the bathroom]	[Taxis]
[your house] [Residential] [Apartments]	[Hotels and Motels]
[Attics] [Basements] [Crawl spaces]	[Institutional facilities]
[public buildings] [areas] [transportation]]	[Correctional facilities] [Jails] [Prisons]
[the office]	[Military installations]
[Medical] [Dental] [Offices] [Labs]	[School(s)] [Buses]]
[operatories] [schools][Waiting room]	[Church]
[Oral Healthcare Facilities] [Health Care Facilities] [Surgery centers]	[Dormitory]
[Clinics]	[Classrooms]
[Hospitals] [Emergency areas] [areas]	[Colleges]
[Intensive care] [Operating] [rooms]	[Athletic facilities]
[Nursing Homes]	[Shower] [and] [Bath] [areas] [floors] [walls] [stalls]
[Day Care Center]	[Barber Shops, Beauty and Tanning Salons]
[Nurseries]	[Airports/Airplanes]
[Ambulances] [Police] [EMS vehicles]	[Farms (Livestock; Dairy; Fruits and Vegetables)]
[vehicles]	[Zoos premises] [Veterinary premises]
[Institutional Kitchens]	[Cruise ships] [Yachts] [Boats]
[Cafeterias]	[Fitness Studio] [Fitness center] [Studios]
[Stores]	[Gym(s)] [Spa(s)]
[Restaurants]	[Campers] [Recreational vehicles] [RVs]
[Food Processing Plants]	[Mobile homes]
[Laboratory equipment]	[Pet areas] [Habitats] (empty)]
[lights][lamps][switches][fixtures]	
[transportation equipment]	

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

[including] [such as] [:]:]

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

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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 REFILLED 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.

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	

{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]	

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] [aeroponic] [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]]
[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]

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

{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]	Indoor and OutdoorGrill 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]	[Brass]
[Glazed Ceramic]	[Aluminum]
[Glazed Porcelain]	[Sealed Concrete]
[Glass] [Sealed enameled surfaces]	[Plastic (such as polypropylene, polystyrene, polyethylene, PVC)]
[Sealed Marble]	[Glazed Tile]
[Steel]	[Sealed Fiberglass]
[Stainless Steel]	Sealed [or Varnished] wood
[coated inoleum]	[Chrome] [surfaces]
Formica® [laminated]	Rubber
[Plexiglas®]	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]	[Carpet - spot clean]
[Leather]	

{TABLE 6} {Stains/soils/odors}	
Carpet Stains	Bathtub rings [water spots]
Grime	Dirt
Soap Scum	Food stains (blueberry, spaghetti sauce)

{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}

[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 calivirus] [,] [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}	
^{††} [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] [Enterococcus faecalis] [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]	

{Fungi}	
^{††} [Trichophyton mentagrophytes][Athlete's Foot Fungus][[T.] [T. mentagrophytes]	
[mentagrophytes]	
[Candida albicans] [C. albicans]	
[in 3 minutes] [on hard, nonporous surfaces]	

{Viruses}	
^{††} [*Human Coronavirus [†]]	
[*HIV-1 [†]] [AIDS virus]	
[Swine*Influenza A][*(H1N1)] [pandemic *Influenza A H1N1 [†]]	
[*Respiratory Syncytial Virus (RSV) [†]]	
[in 1 minutes] [on hard, nonporous surfaces]	
[*Norovirus] [in 4 minutes] [on hard, nonporous surfaces]	

{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

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{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] [Disinfectant] [Cleaner][Cleaning][Spray]
[Disinfectant Cleaner Spray]
[For everyday use]
[For daily use cleaning and disinfecting]
[Tough on dirt][!]
[Heavy Duty]
[Cleaner and Disinfectant] [in a single bottle!]
[2 in1 Household Cleaner & Disinfectant]
[One Step Cleaner & Disinfectant[†]]
[Disinfects and cleans[†]] [!] [at the same time]
[Deodorizes]
[Effectively][Controls][unpleasant][strong][odors]
[Eliminates] [malodors] [tobacco odors]
[Deodorizer]
[Cleans, disinfects, sanitizes and deodorizes[†]] [!][and leaves a fresh botanical scent]
[Cleans [and Disinfects[†]] 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 cleans[†]] [while you clean[†]]
[It's Both (A Heavy Duty Cleaner and Disinfectant[†])]
[Odor Eliminating] [with the Power of] [and] [Forever Fragrant]
[Infused with the subtle scent of Forever Fragrant {insert scent descriptor}
Scent infused [with] {insert fragrance name}
[A] [Cleaning and Disinfecting Formula[†]]
[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]

¹ When used according to disinfection directions

{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}

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

Formulated without phthalates, propylparaben, butylparaben, formaldehyde, formaldehyde-dnors, or NPE's [nonylphenol ethoxylates]
[no shaking required]

[Botanically derived] [active ingredient] [.] [kills cold and flu viruses[†]]

[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]

[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 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 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] [or science] [.] [the power of clean] [Your clean on your terms]

[Pull back for instructions] [See inside label for complete Directions for Use]

[For heavily soiled surfaces, use with a non-scratch scrub sponge]

[It] [Kills Colds and Flu Viruses[†]] [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] [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]

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 Cleaner]

[Multi-Surface Cleaner]

[It] [Cuts grease] [&] [and] [grime]]

[Driven by] [Thymox Technology][Inside][Thymox] [US PTO] [Worldwide] [Internationally]

Patented [technology] [formula] [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 disinfects] virtually every surface everywhere, and eliminates common allergens[§]!]

[Disinfects in 3 minutes [or less] with [XX][16] EPA-registered kill claims]

[Deodorizes with the [patented] power of Forever Fragrant[®] [technology]]

[Sanitizes soft surfaces in just 2 minutes]

[Removes common non-living allergens[§]]

[Eliminates 99.9% of most allergens[§] [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, rag weed pollen.

Say goodbye to dirt, dust mite debris [-or-matter] and other [microscopic] allergens[§] that build up
around your home.

Not only do allergens[§] cause allergies, they may also lead to asthma!

Allergens[§] 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]

{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}

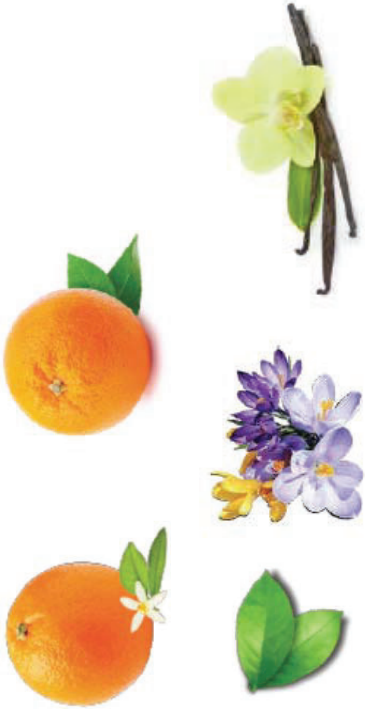


{Optional Graphic – following graphic may or may not appear on label}



{Optional - Good Housekeeping Seal}

{Optional - Graphics reflecting fragrance or accepted surfaces}



[Fresh coconut]

[Citrus water]

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] [effectively controls cross contamination on treated pre-cleaned, 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]
[Prevents cross-contamination from treated surfaces]

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

[[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 compromise]]

[[Clean] and [Disinfect] in one step any [spills] [or] [messes]]

[[Sanitize] your [plant environment] [hydroponic system]]

[Help prevent the spread of diseases by proactive sanitation]

[Keeping your grow rooms as clean as possible has never been easier]

[[Don't] [never] [make] compromise for your planting areas]

[Ready-to-use [disinfectant] [sanitizer] [and] [cleaner] for greenhouse]

[Specifically designed for the greenhouse industry, this [disinfectant] [and] [cleaner] insures the highest quality standards for your production]

[Outsmart dirt] [.] [set new cleaning standards]

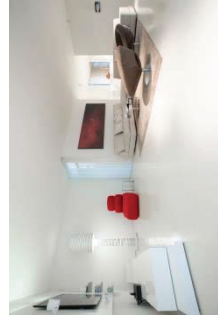
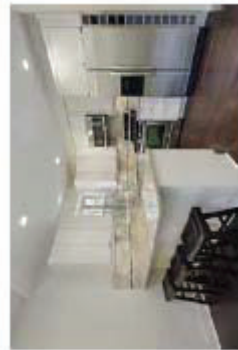
{Optional Graphic / Logo}





[Sweet Honeydew & Cucumber]

[Frosted Lemon]





Hospitals



Doctor's Office



Dentist's Office



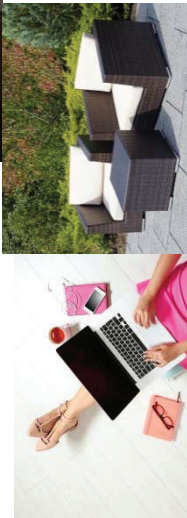
Hotels



Airports and Airplanes



Professional Kitchens and Restaurants



Day Care

Custodial

Locker Rooms



Shower & Bath

Cafeterias

Churches



Salons and Barber Shops

Taxis



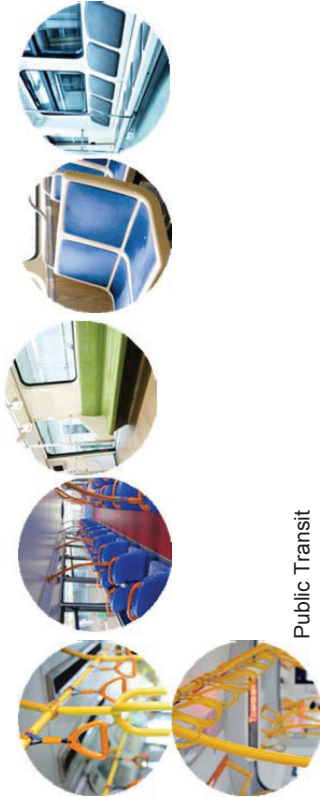
Dormitories/Bunks



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

The following are additional Terms of Registration that EPA anticipates resulting from a request to amend a registration for the reasons addressed in EPA's 2016 Guidance to Registrants: Process for Making Claims against Emerging Viral Pathogens Not on EPA-Registered Disinfectant Labels:

1. The statements shall be made only through the following communications outlets: technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related). These statements shall not appear on marketed (final print) product labels.

2. Statements shall adhere to one or both of the following formats:

[Product name] has demonstrated effectiveness against viruses similar to **[name of emerging Enveloped or Large, Non-enveloped virus]** on hard, non-porous surfaces. Therefore, **[product name]** can be used against **[name of emerging Enveloped or Large, Non-enveloped 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.

[Name of illness/outbreak] is caused by **[name of emerging Enveloped or Large, Non-enveloped virus]**. **[Product name]** kills similar viruses and therefore can be used against **[name of emerging Enveloped or Large, Non-enveloped 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.

3. The registrant may begin communicating these statement(s) upon notification on the CDC or OIE website identified under Section V of the Guidance of an outbreak of an emerging **large non-enveloped, and/or enveloped** viral pathogen. The registrant shall cease and remove all such non-label communications intended for consumers no later than 24 months after the original notification of the outbreak on the CDC or OIE website, unless the agency provides guidance to the contrary due to continued public health concerns. The emerging pathogen claim language may remain on the master label.

4. The registrant agrees that paragraphs 1 through 3 above shall become immediately void and ineffective if registration for use against **[name of supporting virus(es)]** is suspended or cancelled or no longer meets the criteria for a disinfectant claim (see EPA Product Performance Test Guideline 810.2200). In addition, evidence of ineffectiveness against any pathogen in a less-resistant Spaulding category would also be grounds for voiding paragraphs 1 through 3.