



# **FACILITY CARE** DISINFECTANT GUIDE

Confidently select the most efficient disinfectant for your facility.

# WHY CANBERRA?

Confidently maintaining a healthy environment for employees, residents, patients, students & children is of the highest importance. Education and proper product selection are two key factors to successful facility disinfection. This guide is designed to educate end users on the basics of disinfection and make product selection simple so you can **disinfect with confidence**.

## BEST PRACTICES

TO PREVENT THE SPREAD OF HARMFUL PATHOGENS



Wash hands often with soap and water for at least 20 seconds.



Avoid touching your eyes, nose and mouth.



Avoid close contact with people who are sick.



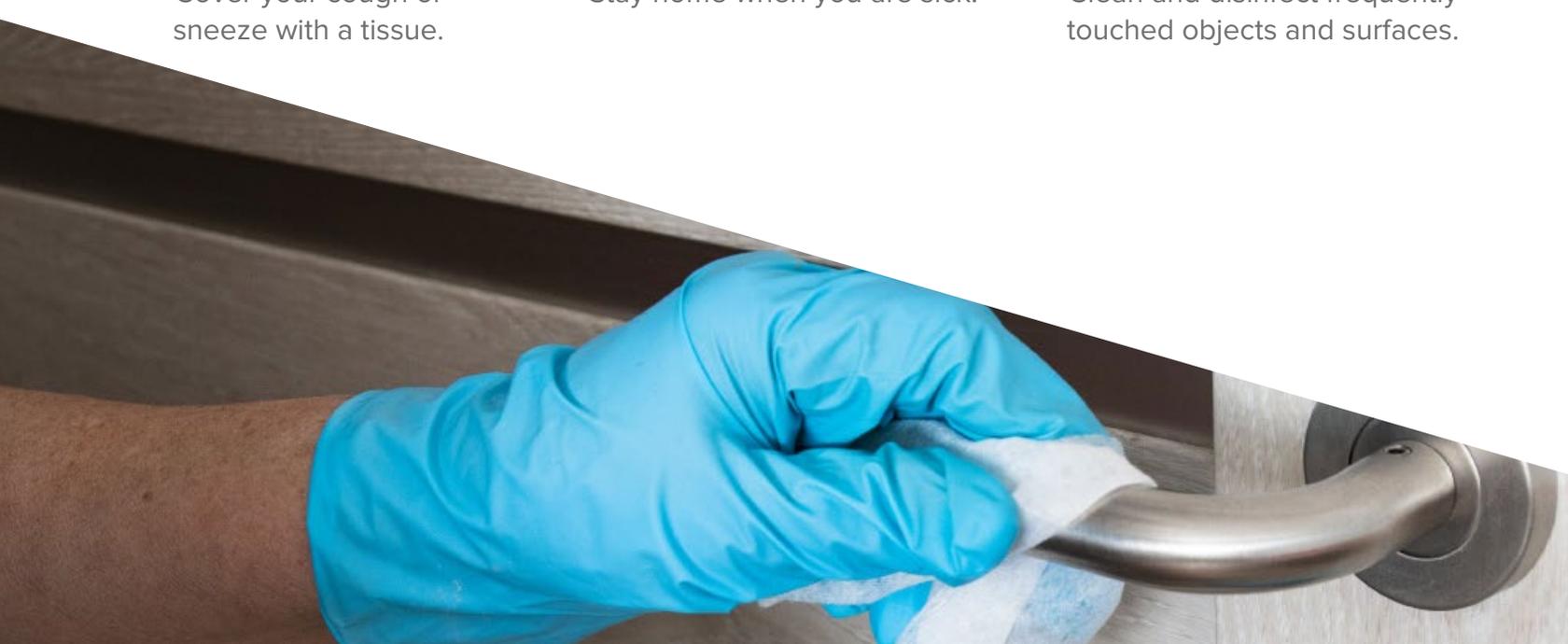
Cover your cough or sneeze with a tissue.



Stay home when you are sick.



Clean and disinfect frequently touched objects and surfaces.



# DISINFECTANT CHARACTERISTICS



## KILL CLAIMS & DWELL TIME

Products are tested against a variety of microorganisms, then performance data is submitted to EPA for approval. The list of kill claims and dwell times are of the highest importance when selecting a disinfectant to ensure product efficacy.



## APPLICATION TECHNIQUE

There's a wide range of ways to apply chemistry. Each product is tested using specific applications to ensure effective disinfection.



## BASE ACTIVE

A range of active ingredients that have antimicrobial qualities.



## DILUTION

EPA approved products are tested at a specific dilution to achieve the claims listed on the master label. Following dilutions correctly ensures that the product will perform as tested.



## pH

A scale to identify alkalinity, neutrality or acidity. Different actives produce different pH ranges. pH can affect stability, safety, cleaning ability and surface compatibility.



## SURFACE COMPATIBILITY

Certain formulas can be applied to a wider variety of surfaces without causing degradation. Surface compatibility and pre-testing (spot testing) are important to preserve surfaces and finishes.



## COLOR

A dye or colorant can help associate a specific chemistry with a specific application for ease of training.



## FRAGRANCE

Fragrance shouldn't affect performance and become a primary focal point of purchasing decisions.

# TYPES OF MICROORGANISMS

Microorganisms (germs) are tiny organisms that can cause infection. They're invisible to the human eye and exist everywhere - including in the air, soil, water and on food, plants and animals. Different germs have favorite places they like to live, different ways to spread and their own unique ways of causing infections. Understanding the basics of germs or microorganisms can help you select the best and most effective disinfectants for each facility or environment.

## PRODUCT KEY

-  Everyday Non-Acid Disinfectant
-  Trio One-Step Disinfectant
-  Q/T Tuberculocidal Spray Disinfectant
-  Peroxall® TB
-  Duo Complete Disinfectant



## MYCOBACTERIA

Tuberculosis

The most resistant organisms to environmental disinfectants because of their waxy outer layer which is an acid-fast bacterium.



## SMALL NON-ENVELOPED VIRUSES

Norovirus, Rhinovirus, Poliovirus

Without a lipid envelope, these organisms have a very resistant viral capsid made of protein. It is resistant to both lipophilic (oil-loving) disinfectants and solvents.



## FUNGI

Trichophyton mentagrophytes (athlete's foot)

A wide range of spore-forming eukaryote organisms. Unable to produce chlorophyll and needs a host similar to a parasite.



## LARGE NON-ENVELOPED VIRUSES

Rotavirus

Have a resistant protein capsid and their larger size makes them more vulnerable than their smaller counterparts. Easier to inactivate on an environment surface.



## VEGETATIVE BACTERIUM

Staph, MRSA, VRE

No outer membrane, making them more vulnerable to disinfectants. Commonly found in the patient environment. Easily spread and causes some of the most frequent healthcare-associated infections.



## ENVELOPED VIRUSES

SARS-CoV-2, Human Coronavirus, HIV, HBV, HCV

Most susceptible to environmental disinfectants. This structure of viruses includes a lipid envelope - easily compromised by most disinfectants. Once dissolved the core is exposed and vulnerable.



HARDEST  
TO KILL



EASIEST  
TO KILL





# PEROXALL® TB

Ready-to-use hydrogen peroxide disinfectant delivers hospital-grade disinfection in 1 minute. Effective against TB, Norovirus, MRSA, and more. Built for everyday use in healthcare, education, and commercial settings. With a Caution signal word, it provides powerful performance with a lower toxicity classification than many traditional disinfectants. EPA-Registered as a Broad Spectrum Disinfectant cleaning product.



## SPECIFICATIONS

### Base Active

Hydrogen Peroxide

### Pack Type

Quart

### Dilution

RTU

### pH Level

0.5-1.5

### Color

Clear

### Fragrance

Citrus

## SURFACE COMPATIBILITY

Acrylic

Finished Woodwork

Formica®

Glass

Glazed Ceramic & Porcelain

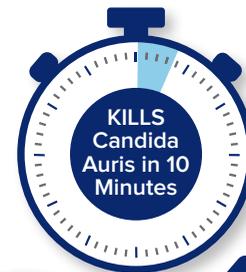
Metal Plastic

Sealed Granite, Marble & Quartz

Stainless Steel

Upholstery – Vinyl & Plastic

Washable Hard, Non-Porous Surfaces



EPA 6836-442



# KILL CLAIMS & DWELL TIME

## Mycobacteria

**Mycobacterium bovis BCG (TB) at 21°C** **1 Minute**

## Viruses\*

### Non-Enveloped

\*Adenovirus Type 5 **1 Minute**

**\*Canine Parvovirus** **5 Minutes**

\*Feline Calicivirus **1 Minute**

\*Minute virus of mice **5 Minutes**

\*Norovirus **1 Minute**

### Enveloped

\*Hepatitis B Virus (HBV) **1 Minute**

\*Hepatitis C Virus (HCV) **1 Minute**

\*Herpes simplex type 1 Virus (HSV-1) **1 Minute**

\*Human immunodeficiency virus type 1 (HIV-1) **1 Minute**

\*Human Rotavirus **1 Minute**

\*Influenza A Virus **1 Minute**

\*Rhinovirus type 37 **1 Minute**

\*SARS-Related Coronavirus 2 (SARS-CoV-2 (cause of COVID-19) **30 Seconds**

## Vegetative Bacterium

Acinetobacter baumannii **1 Minute**

Corynebacterium bovis **1 Minute**

Enterobacter aerogenes **1 Minute**

Enterobacter cloacae New Delhi Metallo-Beta-Lactamase 1 (NDM-1) **1 Minute**

Enterococcus faecalis (Vancomycin Resistant) (VRE) **1 Minute**

Enterococcus faecium **1 Minute**

Escherichia coli **1 Minute**

Escherichia coli O157:H7 **1 Minute**

Klebsiella pneumoniae **1 Minute**

Klebsiella pneumoniae (Carbapenem Resistant) **1 Minute**

Klebsiella pneumoniae New Delhi Metallo-Beta-Lactamase 1 (NDM-1) **1 Minute**

Pseudomonas aeruginosa **1 Minute**

Salmonella enterica **1 Minute**

Staphylococcus aureus **1 Minute**

Staphylococcus aureus (Methicillin Resistant) (MRSA) **1 Minute**

Staphylococcus aureus (Vancomycin Resistant) (VRSA) **1 Minute**

## Fungi

**Candida auris** **10 Minutes**

## Additional Claims

Emerging Pathogen Compliance

Bloodborne Pathogen Compliance

# E/N/A DISINFECTANT CLEANER

Economical, non-acid disinfectant spray cleaner can be used on a variety of restroom surfaces including tile, toilet bowls, urinals, sinks and more. Pleasant fragrance leaves the area smelling fresh and clean. EPA-Registered as a Broad Spectrum Disinfectant cleaning product.



## SPECIFICATIONS

### Base Active

Quat

### Pack Types

Quart

### Dilution

RTU

### pH Level

Alkaline 10.0 - 12.0

### Color

Blue/Dye-Free Available

### Fragrance

Fresh Scent

## SURFACE COMPATIBILITY

Tubs & Shower Stalls

Toilet Bowls & Urinals

Sinks

Car Seats

Windows

Cushions

Pillows

Telephones

Door Knobs

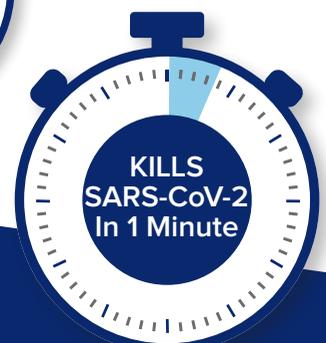
Fiberglass Bathroom Fixtures

Desks

Wheelchairs

Upholstery

Glazed Enameled Surfaces





# KILL CLAIMS & DWELL TIME

## Viruses

### Non-Enveloped

*Rotavirus	10 Minutes
*Norwalk Virus [Norovirus]	10 Minutes

### Enveloped

*SARS-Related Coronavirus 2 [SARS-CoV-2]	1 Minute
*SARS Associated Coronavirus [SARS]	1 Minute
*Human Coronavirus	1 Minute
*2013 Influenza A virus (H7N9)	1 Minute
*Influenza A Virus / Hong Kong	1 Minute
*HIV-1 [AIDS Virus]	1 Minute
*Hepatitis B Virus [HBV]	10 Minutes
*Hepatitis C Virus [HCV]	10 Minutes
*Herpes Simplex Type 1 Virus	10 Minutes
*Herpes Simplex Type 2 Virus	10 Minutes
*Respiratory Syncytial Virus [RSV]	10 Minutes
*Vaccinia virus	10 Minutes
*Avian Influenza virus (H5N1) (H3N2)	10 Minutes
*Avian Influenza Bronchitis virus	10 Minutes
*Canine distemper virus	10 Minutes
*Feline Calicivirus	10 Minutes
*Newcastle Disease virus	10 Minutes
*Pseudorabies virus	10 Minutes

## Fungi

Aspergillus niger <sup>4</sup>	10 Minutes
Aspergillus fumigatus	10 Minutes
Trichophyton interdigitale	10 Minutes

## Vegetative Bacterium

Pseudomonas aeruginosa	10 Minutes
Salmonella enterica	10 Minutes
Staphylococcus aureus	10 Minutes
Acinetobacter baumannii	10 Minutes
Enterococcus faecalis	10 Minutes
Enterococcus faecalis - Vancomycin resistant [VRE]	10 Minutes
Escherichia coli NDM-1	10 Minutes
CA - Staphylococcus aureus Methicillin [NRS384]	10 Minutes
CA - Staphylococcus aureus Methicillin [NRS123]	10 Minutes
Staphylococcus aureus - [VISA]	10 Minutes
Streptococcus pyogenes [Strep]	10 Minutes
Enterobacter aerogenes	10 Minutes
Enterobacter cloacae NDM-1 [CRE]	10 Minutes
Salmonella typhi	10 Minutes
Klebsiella pneumoniae (Klebsiella)	10 Minutes
Klebsiella pneumoniae	10 Minutes
Klebsiella pneumoniae NDM-1 - Positive	10 Minutes
Staphylococcus aureus - Multi-Drug Resistant	10 Minutes
Burkholderia cepacia	10 Minutes
Campylobacter jejuni	10 Minutes
Corynebacterium ammoniagenes	10 Minutes
Legionella pneumophila	10 Minutes
Listeria monocytogenes	10 Minutes
Serratia marcescens	10 Minutes
Shigella dysenteriae	10 Minutes
Vibrio cholerae	10 Minutes

## Additional Claims

- Emerging Pathogen Qualified
- Bloodborne Pathogen Qualified

# TRIO ONE-STEP DISINFECTANT

Neutral, quaternary-based disinfectant cleaner for use on a wide variety of hard non-porous surfaces. This product is ideal for use on finished floors due to its neutral pH. It inhibits the growth of mold and mildew and controls related odors. EPA Registered as a Broad Spectrum Disinfectant cleaning product.



## SPECIFICATIONS

### Base Active

Quat

### Pack Type

Gallon

### Dilution

1:64

### pH Level

Neutral 7.2 - 8.2

### Color

Blue | Purple | Yellow

### Fragrance

Ocean Tide

Fresh Lavender

Sparkling Citrus

## SURFACE COMPATIBILITY

Floors

Metal

Stainless Steel

Plastic

Urinals

Bathroom Fixtures

Tubs and Shower Stalls

Glazed Porcelain

Toilet Bowls

Exercise Equipment

Personal Protective Equipment

**3-IN-1**  
Cleans,  
Disinfects &  
Deodorizes

**KILLS**  
SARS-CoV-2  
In 1 Minute

EPA 47371-131



# KILL CLAIMS & DWELL TIME

## Viruses

### Non-Enveloped

*Rotavirus	10 Minutes
*Adenovirus Type 7 [Adenovirus]	10 Minutes

### Enveloped

*SARS-Related Coronavirus 2 [SARS-CoV-2]	1 Minute
*SARS Associated Coronavirus [SARS]	1 Minute
*Human Coronavirus	1 Minute
*Influenza A Virus	2 Minutes
*HIV-1 [AIDS Virus]	4 Minutes
*Hepatitis B Virus [HBV]	10 Minutes
*Hepatitis C Virus [HCV]	10 Minutes
*Herpes Simplex Type 1 Virus	10 Minutes
*Herpes Simplex Type 2 Virus	10 Minutes
*Respiratory Syncytial Virus [RSV]	10 Minutes
*Rubella virus	10 Minutes
*Vaccinia virus	10 Minutes
*Avian Influenza virus (H5N1)	10 Minutes
*Avian polyomavirus	10 Minutes
*Canine distemper virus	10 Minutes
*Feline leukemia virus	10 Minutes
*Feline picornavirus	10 Minutes
*Infectious bovine rhinotracheitis virus	10 Minutes
*Infectious bronchitis virus [Avian IBV]	10 Minutes
*Newcastle Disease virus	10 Minutes
*Pseudorabies virus [PRV]	10 Minutes
*Rabies virus	10 Minutes
*Transmissible gastroenteritis virus	10 Minutes

## Vegetative Bacterium

Staphylococcus aureus - Methicillin Resistant [MRSA]	1 Minute
CA - Staphylococcus aureus Methicillin [NRS384]	1 Minute
CA - Staphylococcus aureus Methicillin [NRS123]	1 Minute
Staphylococcus aureus - [VISA]	1 Minute
Klebsiella aerogenes	1 Minute
Pseudomonas aeruginosa <sup>2</sup>	10 Minutes
Salmonella enterica <sup>2</sup>	10 Minutes
Staphylococcus aureus <sup>2</sup>	10 Minutes
Acinetobacter baumannii	10 Minutes
Acinetobacter calcoaceticus	10 Minutes
Bordetella bronchiseptica	10 Minutes
Chlamydia psittaci	10 Minutes
Enterococcus cloacae	10 Minutes
Enterococcus cloacae NDM-1	10 Minutes
Enterococcus faecalis - Vancomycin resistant [VRE]	10 Minutes
Escherichia coli <sup>2</sup>	10 Minutes
Escherichia coli NDM-1	10 Minutes
Fusobacterium necrophorum	10 Minutes
Klebsiella pneumoniae <sup>2</sup>	10 Minutes
Klebsiella pneumoniae NDM-1	10 Minutes
Legionella pneumophila	10 Minutes
Listeria monocytogenes	10 Minutes
Pasteurella multocida	10 Minutes
Proteus mirabilis	10 Minutes
Proteus vulgaris	10 Minutes
Salmonella enteritidis	10 Minutes
Salmonella typhi	10 Minutes
Serratia marcescens	10 Minutes
Shigella flexneri	10 Minutes
Shigella sonnei	10 Minutes
Staphylococcus epidermidis <sup>3</sup>	10 Minutes
Streptococcus pyogenes [Strep]	10 Minutes
Streptococcus faecalis <sup>2</sup>	10 Minutes

## Fungi

Aspergillus niger	10 Minutes
Candida albicans	10 Minutes
Trichophyton interdigitale	10 Minutes

<sup>1</sup>For SARS-CoV-2, treated surfaces<sup>9</sup> must remain visibly wet for 1 minute

<sup>2</sup>ATCC & antibiotic-resistant strain

<sup>3</sup>Antibiotic-resistant strain only



# DUO COMPLETE DISINFECTANT

Clean and disinfect in one step with this ready-to-use disinfectant and sanitizer. Husky Duo Complete is EPA approved for use on food contact surfaces, without requiring rinsing. It can help reduce cross-contamination between treated surfaces and doesn't require the use of PPE. This formula deodorizes by killing microorganisms that cause offensive odors and leaves a long-lasting Cucumber Melon fragrance.



EPA 6836-445-8155

## SPECIFICATIONS

### Base Active

Quat

### Pack Type

Quart

### Dilution

RTU

### pH Level

6.0 - 8.5

### Color

Yellow

### Fragrance

Cucumber Melon

## SURFACE COMPATIBILITY

Metal

Stainless Steel

Hard Plastic

Bathroom Fixtures

Rubber

Glazed Porcelain

Vinyl

Dining Tables

Varnished Wood

Destroys  
**99%**  
of Bacteria

**KILLS**  
SARS-CoV-2  
In 1 Minute

No  
Rinse  
Required



# KILL CLAIMS & DWELL TIME

## DISINFECTION/VIRUCIDAL

### Bacteria

Pseudomonas aeruginosa	4 Minutes
Salmonella enterica	4 Minutes
Staphylococcus aureus	4 Minutes
Campylobacter jejuni	4 Minutes
Klebsiella pneumoniae	4 Minutes
Listeria monocytogenes	4 Minutes
Shigella sonnei	4 Minutes
Yersinia enterocolitica	4 Minutes
Vibrio cholera	4 Minutes

### Viruses

*HIV-1 {AIDS Virus}	4 Minutes
*Human Norovirus	4 Minutes
*SARS-Related Coronavirus 2 {SARS-CoV-2}	60 Seconds

## NON-FOOD CONTACT SANITIZATION

### Bacteria

Enterobacter aerogenes	15 Seconds
Staphylococcus aureus	15 Seconds

## FOOD CONTACT SANITIZATION

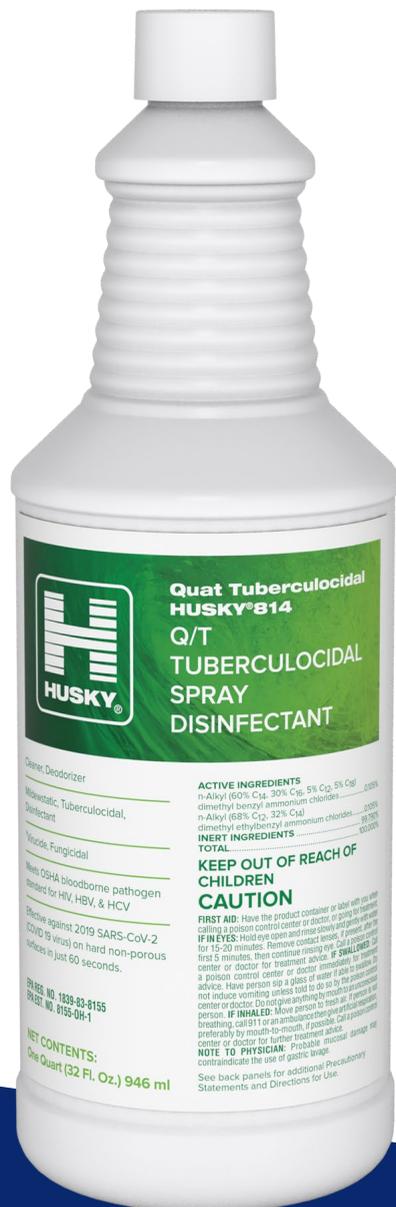
### Bacteria

Escherichia Coli	60 Seconds
Staphylococcus aureus	60 Seconds



# Q/T TUBERCULOCIDAL SPRAY DISINFECTANT

A ready-to-use, quaternary ammonium disinfectant spray cleaner that is ideal for healthcare facilities due to its extensive list of disinfectant claims including Tuberculosis and Norovirus. Inhibits growth of mold and mildew and controls related odors. EPA Registered as a Broad Spectrum Disinfectant cleaning product.



## SPECIFICATIONS

### Base Active

Quat

### Pack Types

Quart, 55 Gallon

### Dilution

RTU

### pH Level

Alkaline 11.8 - 12.8

### Color

Dye-Free

### Fragrance

Lemon

## SURFACE COMPATIBILITY

Floors

Plastic

Walls

Bathroom Fixtures

Hard, Non-Porous Surfaces

Metal Surfaces

Stainless Steel

Sinks & Shower Stalls

Counters

Glazed Porcelain

Ceramic Tile

Appliances

Garbage Bins





# KILL CLAIMS & DWELL TIME

## Mycobacteria

Mycobacterium bovis BCG (TB) at 20° C	3 Minutes
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## Viruses

### Non-Enveloped

Norovirus	30 Seconds
Feline Calicivirus	30 Seconds
Human Rotavirus	3 Minutes
Rotavirus	3 Minutes
Rhinovirus Type 39	3 Minutes
Hepatitis A Virus	10 Minutes
Canine Parvovirus	10 Minutes
Poliovirus Type 1	10 Minutes

### Enveloped

Rabies Virus	30 Seconds
HIV-1 [AIDS Virus]	1 Minute
Hepatitis B	1 Minute
Hepatitis C	1 Minute
Duck Hepatitis B Virus	1 Minute
Bovine Viral Diarrhea Virus	1 Minute
SARS-Related Coronavirus 2 [SARS-CoV-2]	1 Minute
Influenza Type A / Hong Kong [Influenza]	1 Minute
Human Coronavirus	2 Minutes
Avian Influenza A (H3N2 & H3N9)	2 Minutes
SARS associated Coronavirus	2 Minutes
Paramyxovirus (Mumps)	3 Minutes

## Vegetative Bacterium

Pseudomonas aeruginosa	3 Minutes
Salmonella enterica	3 Minutes
Staphylococcus aureus	3 Minutes
Escherichia coli	3 Minutes
Escherichia coli O157:H7	3 Minutes
Listeria Monocytogenes	3 Minutes
Yersinia enterocolitica	3 Minutes
Streptococcus pyogenes	3 Minutes
Corynebacterium ammoniagenes	3 Minutes
Salmonella [typhi] enterica	3 Minutes
Vancomycin intermediate resistant Staph aureus	3 Minutes
Vanomycin Resistant Enterococcus faecalis	3 Minutes
CA-Methicillin Resistant Staph epidermis	3 Minutes
Methicillin Resistant Staphylococcus epidermis	3 Minutes

## Fungi

Trichophyton mentagrophytes	10 Minutes
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## Additional Claims

- Emerging Pathogen Compliance
- Bloodborne Pathogen Compliance
- Inhibits Growth of Mold and Mildew



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