

FACILITY CARE DISINFECTANT GUIDE



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.

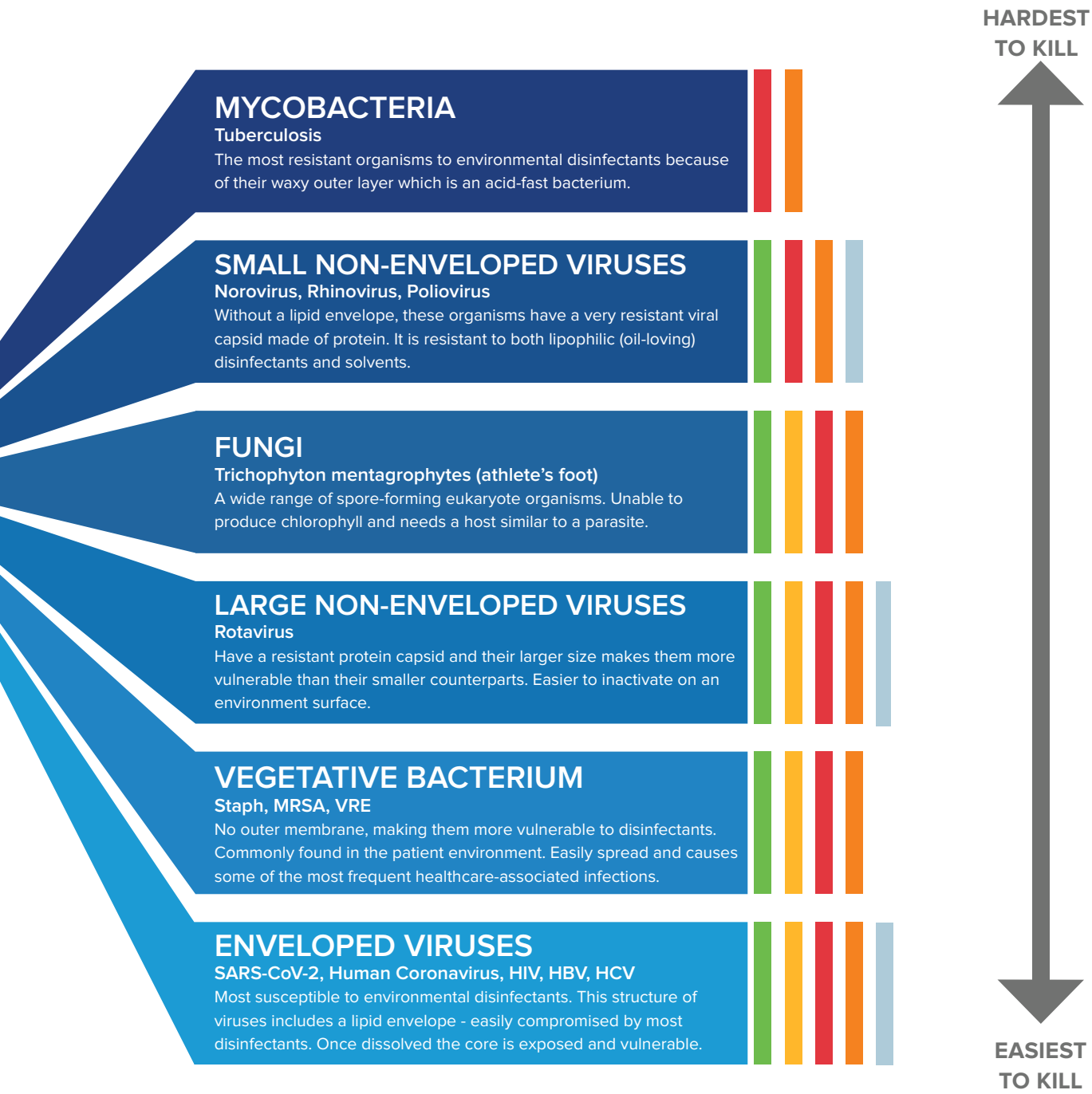
TYPES OF MICROORGANISMS

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







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.



EPA 6836-442

SPECIFICATIONS

Base Active	Dilution	Color
Hydrogen Peroxide	RTU	Clear
Pack Type	pH Level	Fragrance
Quart	0.5-1.5	Citrus

SURFACE COMPATIBILITY

Acrylic	Metal Plastic	Washable Hard, Non-Porous Surfaces
Finished Woodwork	Sealed Granite, Marble & Quartz	
Formica®	Stainless Steel	
Glass	Upholstery – Vinyl & Plastic	
Glazed Ceramic & Porcelain		





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

ACTIVE INGREDIENTS:
 Octyl decyl dimethyl ammonium chloride... 0.002%
 Dioctyl dimethyl ammonium chloride... 0.002%
 Didecyl dimethyl ammonium chloride... 0.002%
 Alkyl (C₁₄, 50%; C₁₂, 40%; C₁₆, 10%) dimethyl benzyl ammonium chloride... 99.994%
OTHER INGREDIENTS:... 99.998%
TOTAL:... 100.000%

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

NET CONTENTS:
 One Quart (32 Fl. Oz.) 946 ml

See back panel for Precautionary Statements and First Aid.

EPA 6836-152





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 ⁴	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



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 ²	10 Minutes
Salmonella enterica ²	10 Minutes
Staphylococcus aureus ²	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 ²	10 Minutes
Escherichia coli NDM-1	10 Minutes
Fusobacterium necrophorum	10 Minutes
Klebsiella pneumoniae ²	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 ³	10 Minutes
Streptococcus pyogenes [Strep]	10 Minutes
Streptococcus faecalis ²	10 Minutes

Fungi

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

¹For SARS-CoV-2, treated surfaces⁹ must remain visibly wet for 1 minute

²ATCC & antibiotic-resistant strain

³Antibiotic-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. 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

No
Rinse
Required

KILLS
SARS-CoV-2
In 1 Minute



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

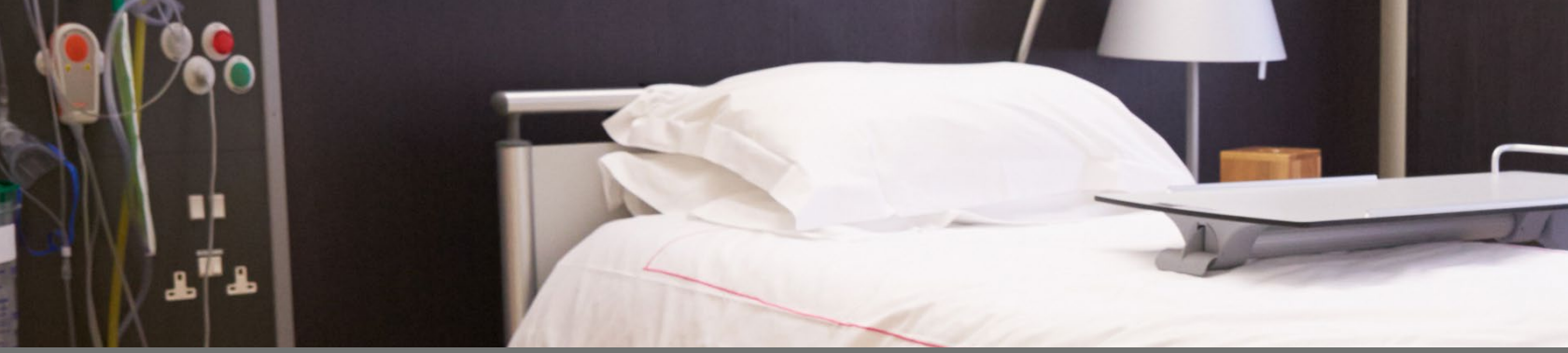
Bacteria

Enterobacter aerogenes	15 Seconds
Staphylococcus aureus	15 Seconds

FOOD CONTACT SANITIZATION

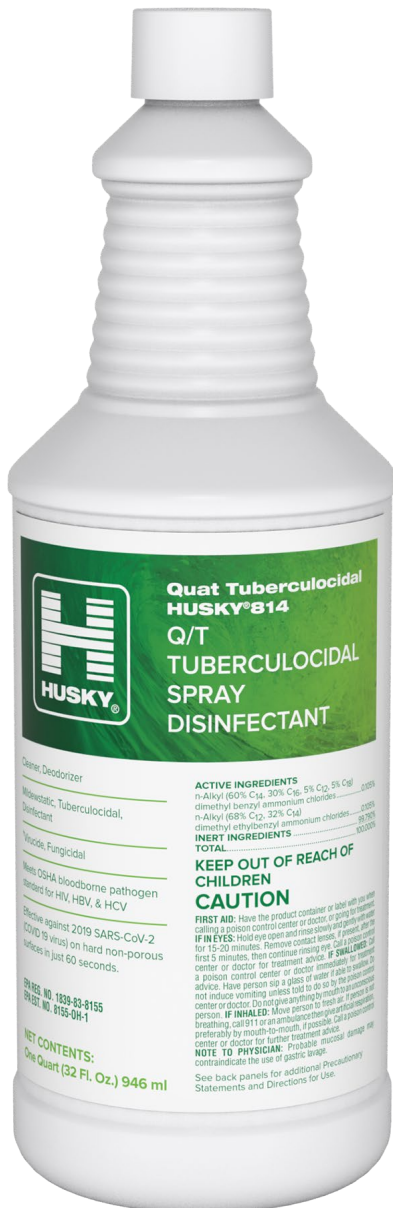
Bacteria

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.



EPA 1839-83

SPECIFICATIONS

Base Active	Dilution	Color
Quat	RTU	Dye-Free
Pack Types	pH Level	Fragrance
Quart, 55 Gallon	Alkaline 11.8 - 12.8	Lemon

SURFACE COMPATIBILITY

Floors	Metal Surfaces	Ceramic Tile
Plastic	Stainless Steel	Appliances
Walls	Sinks & Shower Stalls	Garbage Bins
Bathroom Fixtures	Counters	
Hard, Non-Porous Surfaces	Glazed Porcelain	





KILL CLAIMS & DWELL TIME

Mycobacteria

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

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

Additional Claims

Emerging Pathogen Compliance

Bloodborne Pathogen Compliance

Inhibits Growth of Mold and Mildew

