



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		Vegetative Bacterium	
Mycobacterium bovis BCG (TB) at 21°C	1 Minute	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
Viruses*		Fungi	
Non-Enveloped		Candida auris	
*Adenovirus Type 5	1 Minute		10 Minutes
*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		
		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 Sur-
faces

EPA 6836-152





KILL CLAIMS & DWELL TIME

Viruses		Vegetative Bacterium	
Non-Enveloped		Pseudomonas aeruginosa	10 Minutes
*Rotavirus	10 Minutes	Salmonella enterica	10 Minutes
*Norwalk Virus [Norovirus]	10 Minutes	Staphylococcus aureus	10 Minutes
Enveloped		Acinetobacter baumannii	10 Minutes
*SARS-Related Coronavirus 2 [SARS-CoV-2]	1 Minute	Enterococcus faecalis	10 Minutes
*SARS Associated Coronavirus [SARS]	1 Minute	Enterococcus faecalis - Vancomycin resistant [VRE]	10 Minutes
*Human Coronavirus	1 Minute	Escherichia coli NDM-1	10 Minutes
*2013 Influenza A virus (H7N9)	1 Minute	CA - Staphylococcus aureus Methicillin [NRS384]	10 Minutes
*Influenza A Virus / Hong Kong	1 Minute	CA - Staphylococcus aureus Methicillin [NRS123]	10 Minutes
*HIV-1 [AIDS Virus]	1 Minute	Staphylococcus aureus - [VISA]	10 Minutes
*Hepatitis B Virus [HBV]	10 Minutes	Streptococcus pyogenes [Strep]	10 Minutes
*Hepatitis C Virus [HCV]	10 Minutes	Enterobacter aerogenes	10 Minutes
*Herpes Simplex Type 1 Virus	10 Minutes	Enterobacter cloacae NDM-1 [CRE]	10 Minutes
*Herpes Simplex Type 2 Virus	10 Minutes	Salmonella typhi	10 Minutes
*Respiratory Syncytial Virus [RSV]	10 Minutes	Klebsiella pneumoniae (Klebsiella)	10 Minutes
*Vaccinia virus	10 Minutes	Klebsiella pneumoniae	10 Minutes
*Avian Influenza virus (H5N1) (H3N2)	10 Minutes	Klebsiella pneumoniae NDM-1 - Positive	10 Minutes
*Avian Influenza Bronchitis virus	10 Minutes	Staphylococcus aureus - Multi-Drug Resistant	10 Minutes
*Canine distemper virus	10 Minutes	Burkholderia cepacia	10 Minutes
*Feline Calicivirus	10 Minutes	Campylobacter jejuni	10 Minutes
*Newcastle Disease virus	10 Minutes	Corynebacterium ammoniagenes	10 Minutes
*Pseudorabies virus	10 Minutes	Legionella pneumophila	10 Minutes
		Listeria monocytogenes	10 Minutes
		Serratia marcescens	10 Minutes
		Shigella dysenteriae	10 Minutes
		Vibrio cholerae	10 Minutes
Fungi			
Aspergillus niger ⁴	10 Minutes		
Aspergillus fumigatus	10 Minutes		
Trichophyton interdigitale	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



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

Fungi

Aspergillus niger	10 Minutes
Candida albicans	10 Minutes
Trichophyton interdigitale	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

¹For SARS-CoV-2, treated surfaces⁹ must remain visibly wet for 1 minute ³Antibiotic-resistant strain only
²ATCC & antibiotic-resistant strain



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

No
Rinse
Required

KILLS
SARS-CoV-2
In 1 Minute



KILL CLAIMS & DWELL TIME

DISINFECTION/VIRUCIDAL

Bacteria		Viruses	
Pseudomonas aeruginosa	4 Minutes	*HIV-1 {AIDS Virus}	4 Minutes
Salmonella enterica	4 Minutes	*Human Norovirus	4 Minutes
Staphylococcus aureus	4 Minutes	*SARS-Related Coronavirus 2 {SARS-CoV-2}	60 Seconds
Campylobacter jejuni	4 Minutes		
Klebsiella pneumoniae	4 Minutes		
Listeria monocytogenes	4 Minutes		
Shigella sonnei	4 Minutes		
Yersinia enterocolitica	4 Minutes		
Vibrio cholera	4 Minutes		

NON-FOOD CONTACT SANITIZATION

Bacteria	
Enterobacter aerogenes	15 Seconds
Staphylococcus aureus	15 Seconds

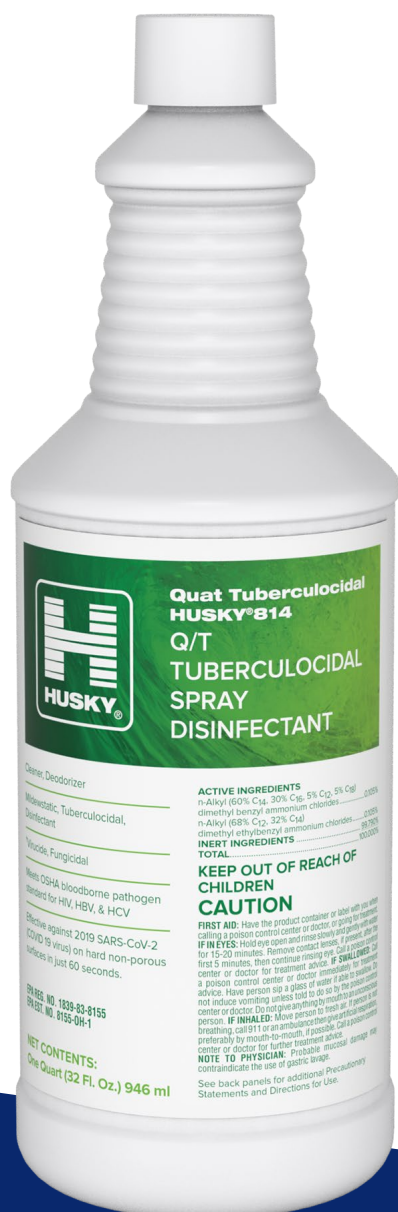
FOOD CONTACT SANITIZATION

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, Gallon, 5 Gallon

Dilution

RTU

pH Level

Alkaline 11.7 - 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



EPA 1839-83



KILL CLAIMS & DWELL TIME

Mycobacteria		Vegetative Bacterium	
Mycobacterium bovis (BCG)	10 Minutes	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
Viruses		Fungi	
Non-Enveloped		Trichopyton mentagrophytes	10 Minutes
Norovirus	30 Seconds		
Feline Calicivirus	30 Seconds		
Human Rotavirus	3 Minutes		
Rotavirus	3 Minutes		
Rhinovirus Type 36	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	3 Minutes		
		Additional Claims	
		Emerging Pathogen Compliance	
		Bloodborne Pathogen Compliance	
		Inhibits Growth of Mold and Mildew	

