FACILITY CARE
DISINFECTANT GUIDE

Confidently select the most efficient disinfectant for your facility.

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 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.
- Stay home when you're sick.
- Cover your cough or sneeze with a tissue.
- Clean and disinfect frequently touched objects and surfaces.

HIGH-TOUCH POINTS

High-touch surfaces in your facility to focus on include:

- Breakroom Appliances
- Cabinet & File Drawer Handles
- Coffee Machines
- Computer Equipment
- Copier, Printer & Fax Buttons
- Countertops
- Desk & Office Chairs
- Door Handles & Knobs
- Food Preparation Surfaces
- Front Desk & Lobby Surfaces
- Handrails
- Light Switches
- Phones
- Recreation Equipment
- Remote Controls
- Elevator Buttons
- Vending Machines
- Wheelchairs & Walkers
- Restroom Stalls & Dispensers
- Sinks & Faucets

TYPES OF **MICROORGANISMS**

PRODUCT KEY

- Husky® 319
- Husky® 814
- Husky® 815
- Husky® 824
- Husky® 892

HARDEST TO KILL

BACTERIAL ENDOSPORE
C. Diff Spores
The most resistant living structures. Dormant, non-reproductiv and enzymatically inert forms of bacterial vegetative cells.

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 BACERIUM
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.

EASIEST TO KILL

DISINFECTANT **CHARACTERISTICS**

KILL CLAIMS & DWELL TIME

Products are tested against a chosen list of microorganisms and completed tests are submitted to EPA for approval. The list of kill claims and dwell times are of the highest importance when selecting a disinfectant.

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.

SURFACE COMPATIBILITY

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

APPLICATION TECHNIQUE

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

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.

COLOR

A dye or color can help associate a specific chemistry with a specific application for ease of training but can cause staining or leave a residue if too strong.

FRAGRANCE

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

HUSKY® 319

E/N/A DISINFECTANT

KILLS **SARS-CoV-2** in **3 min.**

5x the claims of leading **Non-Acid Competitors**

Soft Surface sanitize in **5 min.**

BASE ACTIVE
Quat

PACK TYPE
12 - 32 oz.

DILUTION
RTU

pH LEVEL
Alkaline

COLOR
Blue / Dye-Free Available

FRAGRANCE
Ocean Breeze

SURFACE COMPATIBILITY

Tubs & Shower Stalls • Toilet Bowls & Urinals • Sinks & Fixtures • Car Seats • Cushions & Pillows • Telephones • Fiberglass • Desks • A/C Coils • Wheelchairs • Upholstery • Window Treatments • Doorknobs • Glazed Tiles

WIPE SPRAY MOP

EPA - 6836-152

KILL CLAIMS & DWELL TIME

VIRUSES

NON-ENVELOPED

Norwalk Virus - Norovirus	10 minutes
Rotavirus	10 minutes

ENVELOPED

HIV-1 [AIDS virus]	1 minute
Human Coronavirus	1 minute
2013 Influenza A Virus (H7N9)	1 minute
Influenza A Virus / Hong Kong [Influenza] [Influenza Virus]	1 minute
SARS-CoV-2	3 minutes
SARS Associated Coronavirus [SARS]	3 minutes
Hepatitis B Virus [HBV]	10 minutes
Hepatitis C Virus [HCV]	10 minutes
Herpes Simplex Virus Type 1	10 minutes
Herpes Simplex Virus Type 2	10 minutes
Respiratory Syncytial Virus [RSV]	10 minutes
Vaccinia [Pox Virus]	10 minutes
Avian Influenza (H5N1)	10 minutes
Avian Influenza (H3N2)	10 minutes
Avian Influenza Bronchitis Virus	10 minutes
Canine Distemper Virus	10 minutes
Feline Calicivirus	10 minutes
Newcastle's Disease Virus	10 minutes
Pseudorabies Virus	10 minutes

FUNGI

Aspergillus niger	10 minutes
Aspergillus fumigatus	10 minutes
Trichophyton mentagrophytes (athlete's foot fungus)	10 minutes

VEGETATIVE BACTERIUM

Enterobacter aerogenes	10 minutes
Enterobacter cloacae NDM1 - Carbapenem Resistant [CRE]	10 minutes
Enterococcus faecalis - Vancomycin resistant [VRE]	10 minutes
Escherichia coli [E. coli]	10 minutes
Pseudomonas aeruginosa [pseudomonas]	10 minutes
Salmonella enterica [Salmonella]	10 minutes
Salmonella typhi	10 minutes
Staphylococcus aureus [Staph]	10 minutes
Staphylococcus pyogenes (Strep)	10 minutes
Acinetobacter baumannii [Acinetobacter]	10 minutes
Klebsiella pneumoniae [Klebsiella]	10 minutes
Klebsiella pneumoniae - Extended Spectrum Beta Lactamase	10 minutes
Klebsiella pneumoniae NDM1 - Positive	10 minutes
Staphylococcus aureus - Community Associated Methicillin	10 minutes
Staphylococcus aureus - Methicillin-Resistant [MRSA]	10 minutes
Staphylococcus aureus - Mutli-Drug Resistant	10 minutes
Staphylococcus pyogenes [Strep] [a cause of scarlet fever]	10 minutes
Burkholderia cepacia	10 minutes
Campylobacter jejuni	10 minutes
Corynebacterium ammoniagenes	10 minutes
Legionella pneumophilia	10 minutes
Listeria monocytogenes	10 minutes
Serratia marcescens	10 minutes
Shigella dysenteriae	10 minutes
Vibrio cholerae	10 minutes

ADDITIONAL CLAIMS

Emerging Pathogen Compliance	
Bloodborne Pathogen Compliance	

HUSKY® 814

Q/T TUBERCULOCIDAL SPRAY DISINFECTANT

KILLS TB in 5 min.

KILLS NOROVIRUS in 30 sec.

KILLS SARS-CoV-2 in 1 min.

BASE ACTIVE
Quat

PACK TYPE
12 - 32 oz. 5 gal.
4 - 1 gal. 55 gal.

DILUTION
RTU

pH LEVEL
Alkaline

COLOR
Dye-Free

FRAGRANCE
Lemon

SURFACE COMPATIBILITY

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

SPRAY

EPA - 1839-83

KILL CLAIMS & DWELL TIME

MYCOBACTERIA

Mycobacterium bovis (Tb) {(BCG)}	5 minutes

VIRUSES

NON-ENVELOPED

Norovirus (Norwalk Virus)	30 seconds
Feline Calicivirus	30 seconds
Rotavirus	3 minutes
Rhinovirus type 39	3 minutes
Hepatitus A Virus (HAV)	10 minutes
Poliovirus Type 1	10 minutes
Canine Parvovirus	10 minutes

ENVELOPED

Rabies Virus	30 seconds
HIV-1 (associated with AIDS)	1 minute
Hepatitis B Virus (HBV)	1 minute
Hepatitis C Virus (HCV)	1 minute
Duck Hepatitus B Virus (DHBV)	1 minute
Bovine Viral Diarrhea Virus (BVDV)	1 minute
SARS-CoV-2	1 minute
SARS associated Coronavirus	2 minutes
Paramyxovirus (Mumps)	2 minutes
Human Coronavirus (ATCC VR-740)	2 minutes
Avian Influenza A strain (H3N2)	2 minutes
Avian Influenza A strain (H9N2)	3 minutes

FUNGI

Trichophyton mentagrophytes (athlete's foot fungus)	10 minutes

VEGETATIVE BACTERIUM

Pseudomonas aeruginosa	3 minutes
Staphylococcus aureus	3 minutes
Salmonella (choleraesuis) enterica	3 minutes
Escherichia coli	3 minutes
Escherichia coli O157:H7	3 minutes
Streptococcus pyogenes (Necrotizing Fascilitis-Group A)	3 minutes
Listeria monocytogenes	3 minutes
Yersinia enterocolitica	3 minutes
Enterococcus faecium	3 minutes
Corynebacterium ammoniagenes	3 minutes
Salmonella (typhi) enterica	3 minutes
Methicillin resistant Staphylococcus aureus	3 minutes
Vancomycin resistant Enterococcus faecalis	3 minutes
Vancomycin intermediate resistant Staphylococcus aureus	3 minutes
Methicillin resistant Staphylococcus epidermidis	3 minutes
Community Associated Methicillin resistant Staphylococcus aureus	3 minutes

ADDITIONAL CLAIMS

Emerging Pathogen Compliance
Bloodborne Pathogen Compliance
Inhibits growth of mold and mildew

HUSKY® 815

HCD DISINFECTANT

KILLS **C. DIFF SPORES** in **2 min.**

BASE ACTIVE
Peroxide + PAA

PACK TYPE
2 - 1 gal.

DILUTION
1:64 - 1:32

pH LEVEL
Acidic

COLOR
Dye-Free

FRAGRANCE
Strong Vinegar

SURFACE COMPATIBILITY

Floors • Tables • Walls • Bathroom Fixtures • Chairs • Counters • Telephones • Carts • Plastic & Plexiglas® • Vinyl & Plastic Upholstery • Drinking Fountains • Ambulance & Equipment/Surfaces

WIPE SPRAY MOP

EPA - 10324-214

KILL CLAIMS & DWELL TIME

BACTERIAL ENDOSPORE

Clostridium difficile {(ATCC 43598)}	2 minutes

MYCOBACTERIA

Mycobacterium bovis (Tb) {(BCG)}	10 minutes

VIRUSES

NON-ENVELOPED

Enterovirus Type 68 {(ATCC VR-561)}	2 minutes
Rhinovirus Type 37 {(ATCC VR-1147)}	2 minutes
Rotavirus {(Strain WA)}	2 minutes
Adenovirus Type 5 {(ATCC VR-5)} {(Strain Adenoid 75)}	2 minutes
Norovirus {(Norwalk-like Virus)} {(ATCC VR-782)}	2 minutes
Canine Parvovirus {(ATCC VR-2017)}	2 minutes
Murine Norovirus {(MNV-1)}	2 minutes
Avian Adenovirus {(ATCC VR-280)}	10 minutes
Infectious Bursal Disease Virus	10 minutes
Porcine Rotavirus {(ATCC VR-893)}	10 minutes

ENVELOPED

SARS-CoV-2 {(SARS Coronavirus 2)} {(COVID-19 virus)} {(2019-nCoV)}	2 minutes
Herpes Simplex Type 1 Virus {(ATCC VR-733)}	2 minutes
Herpes Simplex Type 2 Virus {(ATCC VR-734)	2 minutes
Human Immunodeficiency Virus Type 1 {(HIV-1)}	2 minutes
Influenza A Virus {(ATCC VR-544)} (Hong Kong)	2 minutes
Respiratory Syncytial Virus {(RSV)} {(ATCC VR-26)}	2 minutes
Vaccinia Virus {(ATCC VR-119)}	2 minutes
Hepatitis B Virus (HBV) {(Duck Hepatitus B Virus)}	2 minutes
Hepatitis C Virus (HCV) {(ATCC VR-1422)}	2 minutes
Marek's Disease Virus	2 minutes
Porcine Epidemic Diarrhea Virus (Clinical Isolate)	2 minutes
Avian Influenza A {(H5N1)} Virus	10 minutes
Human Coronavirus {(ATCC VR-740)}	10 minutes
Avian Infectious Bronchitis Virus {(Strain Baudette IB42)}	10 minutes
Inflectious Laryngotracheitis Virus {(Strain LT-IVAX)}	10 minutes
Newcastle's Disease Virus {(ATCC VR-108)}	10 minutes
Porcine Respiratory & Reproductive Syndrome Virus	10 minutes
Transmissible Gastroenteritis Virus {(TGE)}	10 minutes
Vesicular Stomatitis Virus {(VR-158)}	10 minutes

FUNGI

Candida Albicans {(ATCC 10231)}	2 minutes
Candida auris {(Strain CDC AR-0381)}	2 minutes
Trichophyton interdigitale (athlete's foot fungus)	2 minutes

VEGETATIVE BACTERIUM

Acinetobacter baumannii {(ATCC 19606)}	2 minutes
Bordetella pertussis {(ATCC 12743)}	2 minutes
Enterococcus faecalis {Vancomycin Resistant} {(ATCC 51575)}	2 minutes
Escherichia coli {(ATCC 11229)}	2 minutes
Escherichia coli {(Extended Spectrum B-Lactamase)}	2 minutes
Klebsiella pneumoniae {(ATCC 4352)}	2 minutes
Klebsiella pneumoniae {Carbapenem Resistant}	2 minutes
Legionella pneumophila {(ATCC 33153)}	2 minutes
Proteus mirabilis {(ATCC 9240)}	2 minutes
Pseudomonas aeruginosa {(ATCC 15442)}	2 minutes
Salmonella enterica {(ATCC 10708)}	2 minutes
Staphylococcus aureus {(ATCC 6538)}	2 minutes
Staphylococcus aureus {Community Acquired Methicillin Resistant}	2 minutes
Staphylococcus aureus {Methicillin Resistant} (MRSA)	2 minutes
Staphylococcus aureus {Vancomycin Intermediate Resistant}	2 minutes
Staphylococcus pneumoniae {(ATCC 6305)}	2 minutes
Staphylococcus pyogenes {(ATCC 19615)}	2 minutes
Bordetella bronchiseptica {(ATCC 10580)}	10 minutes
Campylobacter jejuni {(ATCC 29428)}	10 minutes
Corynebacterium ammoniagenes {(ATCC 6872)}	10 minutes
Escherichia coli O157:H7 {(ATCC 35150)}	10 minutes
Listeria monocytogenes {(ATCC 19117)}	10 minutes
Salmonella typhi {(ATCC 6539)}	10 minutes
Shigella sonnei {(ATCC 25931)}	10 minutes

ADDITIONAL CLAIMS

Emerging Pathogen Compliance
Bloodborne Pathogen Compliance

HUSKY® 824

QUICK CARE DISINFECTANT

SOFT SURFACE Sanitize in 5 min.

Hard Surface Non-food contact SANITIZER in 15 sec.

KILLS SARSv-CoV-2 in 3 min.

BASE ACTIVE
Quat

PACK TYPE
12 - 10 mil. cartridges
3 - 32 oz. bottles

DILUTION
1:128 - 1:64

pH LEVEL
Alkaline

COLOR
Light Green

FRAGRANCE
Spring Rain

SURFACE COMPATIBILITY

Garbage Cans • Wheelchairs • Cabinets • Sofas & Chairs • Couches & Cushions • Pillows & Upholstery • Dog Bedding & Blankets • Cages & Kennel Runs • Car Seats • Stuffed Animals & Toys • Desks & Chairs • Foot Spas • Floors • Coils & Drain • Pans Bed • Frames & Gourneys • Exam Tables • Bathroom Fixtures • Shower Stalls • Plastic • Vinyl • Laminated Surfaces • Gym & Laundry Bags • Diaper Bags

SPRAY

EPA - 6836-348

KILL CLAIMS & DWELL TIME

VIRUSES

NON-ENVELOPED

Rotavirus	3 minutes
Enterovirus D68 at 1:64 dilution	5 minutes
Norwalk Virus [Norovirus] at 1:64 dilution	5 minutes
Feline Calicivirus at 1:64 dilution	5 minutes
Adenovirus Type 5 [Adenovirus] at 4 oz. per gallon	10 minutes
Adenovirus Type 7 [Adenovirus] at 4 oz. per gallon	10 minutes

ENVELOPED

HIV-1 [AIDS Virus]	1 minute
Influenza Type A / Hong Kong [Influenza]	1 minute
SARS-Related Coronavirus 2 [SARS-CoV-2] cause of Covid-19	3 minutes
Hepatitis B Virus (HBV)	3 minutes
Hepatitis C Virus (HCV)	3 minutes
Herpes Simplex Type 1 Virus	3 minutes
Herpes Simplex Type 2 Virus	3 minutes
Human Coronavirus	3 minutes
Respiratory Syncytial Virus [RSV]	3 minutes
Vaccinia	3 minutes
Canine Distemper Virus	3 minutes
Newcastle's Disease Virus	3 minutes

FUNGI

Candida albicans	3 minutes
Trichophyton mentagrophytes (athlete's foot fungus)	3 minutes

VEGETATIVE BACTERIUM

Pseudomonas aeruginosa [pseudomonas]	3 minutes
Salmonella enterica [Salmonella]	3 minutes
Staphylococcus aureus [Staph]	3 minutes
Acinetobacter baumannii [Acinetobacter]	3 minutes
Bordetella bronchiseptica [Kennel cough]	3 minutes
Bordetella pertussis [whooping cough]	3 minutes
Campylobacter jejuni [campylobacter]	3 minutes
Enterobacter aerogenes at 1:64 dilution	3 minutes
Enterococcus faecalis [Enterococcus]	3 minutes
Enterococcus faecalis - Vancomycin resistant [VRE]	3 minutes
ESBL Escherichia coli	3 minutes
Escherichia coli [E. coli]	3 minutes
Escherichia coli O157:H7	3 minutes
Klebsiella pneumoniae [Klebsiella]	3 minutes
Klebsiella pneumoniae, Carbapenem-resistant	3 minutes
Listeria monocytogenes	3 minutes
Serratia marcescens at 1:64 dilution	3 minutes
Shigella dysenteriae [Shigella]	3 minutes
Shigellla flexneri serotype 1B	3 minutes
Shigella sonnei	3 minutes
Staphylococcus aureus - Methicillin Resistant [MRSA]	3 minutes
Staphylococcus aureus - Vancomycin Intermediate Resistant	3 minutes
Staphylococcus aureus - Multi-Drug Resistant	3 minutes
Streptococcus pyogenes [Strep] [cause of scarlet fever]	3 minutes
Vibrio cholerae	3 minutes
Yersinia enterocolitica	3 minutes
Proteus Vulgaris	3 minutes
Legionella pneumophilia	10 minutes

ADDITIONAL CLAIMS

Emerging Pathogen Compliance
Bloodborne Pathogen Compliance
Inhibits growth of mold and mildew

HUSKY®892

ARENA PLUS DISINFECTANT

APPROVED for mopping on FINISHED FLOORS

NEUTRAL DISINFECT that kills in 5 min.

BASE ACTIVE
Quat

PACK TYPE
6 - 32 oz.

DILUTION
1:128 - 1:64

pH LEVEL
Neutral

COLOR
Light Green

FRAGRANCE
Citrus Sunrise

SURFACE COMPATIBILITY

Floors • Plastic • Vinyl • Whirlpool Tubs • Foot Spas • Coils & Drains • Desks & Chairs • Cabinets • Garbage Cans • Cages & Kennel Runs • Exam Tables • Wheelchairs • Pans • Gurneys • Bed Frames • Shower Stalls • Bathroom Fixtures

WIPE SPRAY MOP

EPA - 6836-365

KILL CLAIMS & DWELL TIME

VIRUSES

NON-ENVELOPED	
Norwalk Virus - Norovirus	5 minutes
Feline Calicivirus	5 minutes
Canine Parvovirus	10 minutes
ENVELOPED	
Hepatitis B Virus (HBV)	5 minutes
Hepatitis C Virus (HCV)	5 minutes
Herpes Simplex Type 1 Virus	5 minutes
Herpes Simplex Type 2 Virus	5 minutes
HIV-1 [AIDS Virus]	5 minutes
Human Coronavirus	5 minutes
Influenza A Virus (H7N9)	5 minutes
Influenza A Virus / Hong Kong [Influenza]	5 minutes
Respiratory Syncytial Virus [RSV]	5 minutes
SARS associated Coronavirus [SARS]	5 minutes
Vaccinia [Pox Virus]	5 minutes
Avian Influenza (H5N1)	5 minutes

FUNGI

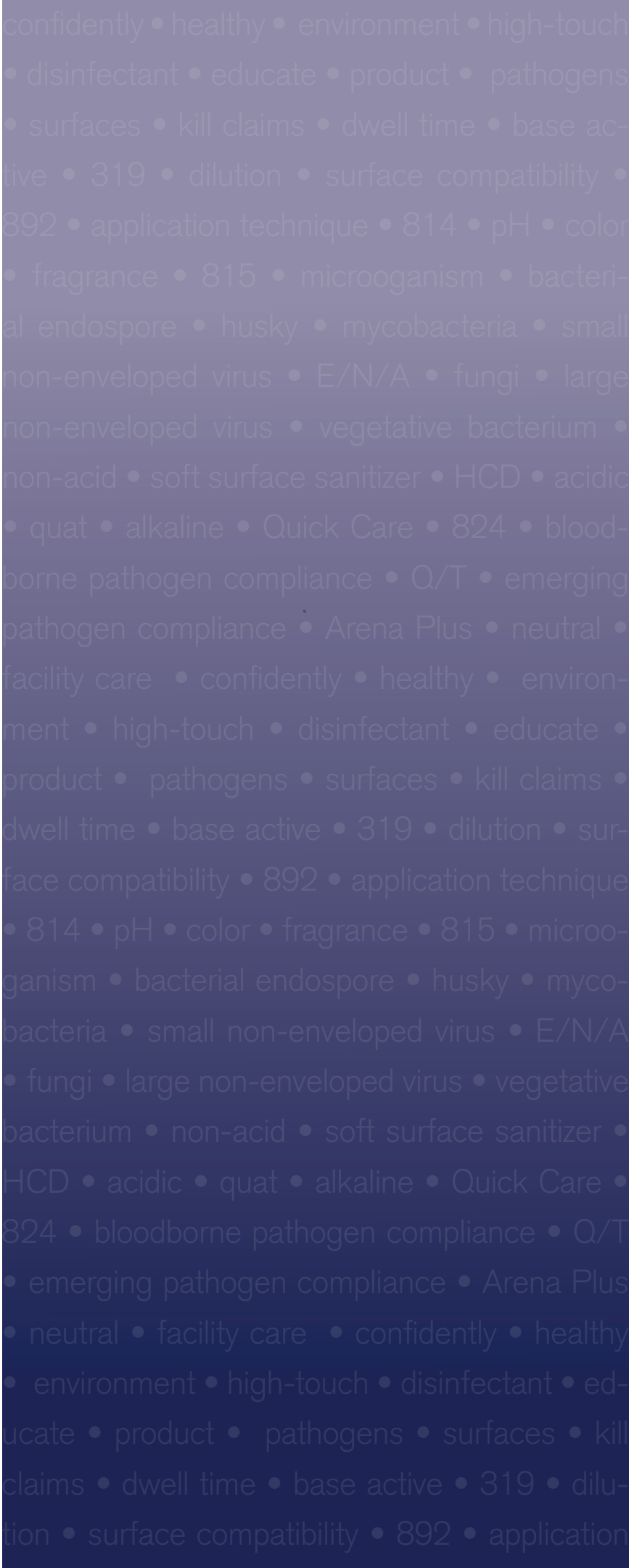
Candida albicans	5 minutes
Trichophyton mentagrophytes (athlete's foot fungus)	10 minutes

VEGETATIVE BACTERIUM

Pseudomonas aeruginosa [pseudomonas]	5 minutes
Salmonella enterica [Salmonella]	5 minutes
Staphylococcus aureus [Staph]	5 minutes
Acinetobacter baumannii [Acinetobacter]	5 minutes
Enterobacter aerogenes	5 minutes
Enterococcus cloacae NDM 1 - Carbapenem Resistant [CRE]	5 minutes
Enterococcus faecalis - Vancomycin resistant [VRE]	5 minutes
Escherichia coli	5 minutes
Escherichia coli NDM 1 - Carbapenem Resistant [CRE]	5 minutes
Escherichia coli [E. coli]	5 minutes
Escherichia coli O157:H7	5 minutes
Klebsiella pneumoniae [Klebsiella]	5 minutes
Klebsiella pneumoniae - Extended Spectrum Beta Lactamase	5 minutes
Klebsiella pneumoniae NDM 1 - Carbapenem Resistant [CRE]	5 minutes
Staphylococcus aureus - Methicillin Resistant [MRSA]	5 minutes
Staphylococcus aureus - Community Associated Methicillin	5 minutes
Staphylococcus aureus - Vancomycin Resistant - [VRSA]	5 minutes
Streptococcus pyogenes [Strep] [cause of scarlet fever]	5 minutes

ADDITIONAL CLAIMS

Emerging Pathogen Compliance
Bloodborne Pathogen Compliance



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