



Micro-Kill® R2

Ready-to-use disinfectant cleaner technical data bulletin
EPA Reg. No. 1839-220-37549

Product description

Micro-Kill® R2 ready-to-use disinfectant cleaner is a one-step² hospital-use germicidal disinfectant¹ and deodorant designed for general cleaning and disinfecting of hard, non-porous inanimate surfaces. Micro-Kill® R2 is effective against SARS-CoV-2 (COVID-19 virus) on hard non-porous surfaces in just 30 seconds.¹

- Disinfects in two minutes
- Sanitizes soft surfaces in two minutes
- Quickly removes organic matter, including blood, food residue, dirt and grime
- Eliminates odors and leaves behind a clean, fresh scent

Typical specifications

Dilution	RTU
Working pH	11.9
Color	Colorless
Fragrance	Citrus
EPA Reg. No.	1839-220-37549

Active ingredients

Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	0.15%
Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	0.15%
Inert ingredients	99.70%
Total	100.00%

Use surfaces

Micro-Kill® R2 will clean and disinfect¹ hard, non-porous surfaces of: cabinets, carts, chairs, counters, tables, tabletops, telephones, toilet seats, external toilet surfaces, bathtubs, shower stalls, shower doors, sinks, tiles, changing tables³, cribs³, diaper pails, trashcans, computers, laptops, cell phones, tablets, desks, desktops, doorknobs, printers, garbage cans, headsets, keyboards, light switches, and railings.

Kills 99.9% of bacteria on soft surfaces §: blinds, beddings, blankets, chairs, couches, curtains, drapes, exercise mats, fabric, gym bags, headrests, linens, mats (for day care), mattresses, seat-and/or-soft cushions, shades, sheets, sofas, sports equipment (lining), towels, armchairs, upholstery furniture, upholstery, washcloths, and window treatments as a spot treatment.

§ Composed of 100% cotton or 100% polyester or 50/50 cotton/polyester.



EVSCHM122

Testing summary

Micro-Kill® R2 is a ready-to-use, broad-spectrum disinfectant and soft-surface sanitizer and has been demonstrated by its performance in tests that are prescribed and regulated by the federal government under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Micro-Kill® R2 kills 99.9% of the following viruses*, bacteria and fungi on hard, non-porous household surfaces:

Disinfection

Bacteria

	Contact time
<i>Pseudomonas aeruginosa</i>	2 minutes
<i>Salmonella enterica</i> (Salmonella)	2 minutes
<i>Staphylococcus aureus</i>	2 minutes
Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)	2 minutes
Vancomycin Resistant <i>Enterococcus faecium</i> (VRE)	2 minutes
Multi-Drug Resistant (MDR) <i>Acinetobacter baumannii</i> Ceftazidime and Gentamicin Resistant	2 minutes
Extended Spectrum Beta-Lactamase (ESBL) <i>Escherichia coli</i>	2 minutes
<i>Klebsiella pneumoniae</i> New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant	2 minutes
Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA) Genotype USA300	2 minutes
Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA) Genotype USA400	2 minutes
<i>Escherichia coli</i> O157:H7 ⁴	2 minutes
Vancomycin intermediate resistant <i>Staphylococcus aureus</i> (VISA) ⁴	2 minutes
<i>Streptococcus pyogenes</i> ⁴	2 minutes

*Viruses

Contact time

Avian Influenza Virus (H5N1) NIBRG-14	30 seconds
Human Immunodeficiency Virus Type 1 (HIV-1)	30 seconds
Severe Acute Respiratory Syndrome Related Coronavirus 2 (SARS-CoV-2)	30 seconds
Human Rotavirus	1 minute
Hepatitis B Virus (HBV)	1 minute
Hepatitis C Virus (HCV)	1 minute
Duck Hepatitis B Virus (DHBV)	1 minute
Bovine Viral Diarrhea Virus (BVDV)	1 minute
Influenza A Virus (H1N1)	1 minute
Feline Calicivirus	2 minutes
Norovirus (Norwalk Virus)	2 minutes
Canine Parvovirus	2 minutes
Rhinovirus Type 14	2 minutes
Rhinovirus Type 39	2 minutes
Influenza A Virus (H2N2)	2 minutes
Human Coronavirus	2 minutes
Herpes Simplex Virus 1 (HSV-1)	2 minutes
Herpes Simplex Virus 2 (HSV-2)	2 minutes
Poliovirus Type 1	2 minutes

Soft-surface sanitization Bacteria

	Contact time
<i>Klebsiella aerogenes</i>	2 minutes
<i>Staphylococcus aureus</i>	2 minutes

Non-food contact hard surface sanitization Bacteria

	Contact time
<i>Klebsiella pneumoniae</i>	5 seconds
<i>Staphylococcus aureus</i> (Staph)	5 seconds

¹ When used according to disinfection directions

² "One Step" claim is limited to association with non-food contact surface use.

³ Thoroughly rinse all hard, non-porous surfaces with potable water after application

⁴ Product labels are in the process of getting updated with this claim