



# Micro-Kill® R2

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

## Product Description

Medline Micro-Kill R2 ready-to-use disinfectant cleaner is a one-step germicidal cleaner and deodorant formulated for general hospital cleaning and the disinfection of hard, non-porous, inanimate surfaces. Medline Micro-Kill R2 is effective against SARS-CoV-2 (COVID 19 virus) on hard non-porous surfaces in just 30 seconds.<sup>1</sup>

- 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	Light Orange
Fragrance	Citrus
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## Active ingredients

Alkyl (60% C14, 30% C16, 5% C18)  
dimethyl benzyl ammonium chlorides ..... 0.15%

Alkyl (68% C12, 32% C14)  
dimethyl ethylbenzyl  
ammonium chlorides) ..... 0.15%

**Inert ingredients** ..... 99.70%

**Total** ..... **100.00%**

## Total, touchless disinfecting and sanitizing

For a fully integrated Medline Micro-Kill R2 cleaning program, combine the easy-to-use disinfectant with efficient, electrostatic spraying technology.

## Handheld Electrostatic Sprayer

EVSSPRAYHH

Voltage	16.8V
Run Time	Four hours
Weight	3.8 lbs
Capacity	33.8 oz/0.26 gal
Coverage	2,550 sq. ft. at 80 micron setting

## Backpack Electrostatic Sprayer

EVSSPRAYBP

Voltage	16.8V
Run Time	Four hours
Weight	10 lbs
Capacity	228 oz/2.25 gal
Coverage	20,000 sq. ft. at 80 micron setting



EVSSPRAYHH



EVSCHM122



EVSSPRAYBP

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## Testing summary

Medline Micro-Kill® R2 is a ready-to-use, US EPA-registered, 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).

Medline Micro-Kill R2 is effective against the following pathogens on hard, non-porous, inanimate surfaces:

<b>Bacteria</b>	<b>Contact time</b>
<i>Pseudomonas aeruginosa</i>	2 minutes
<i>Salmonella enterica</i>	2 minutes
<i>Staphylococcus aureus</i>	2 minutes
Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)	2 minutes
Vancomycin Resistant <i>Enterococcus faecium</i>	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
Klebsiella pneumoniae New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant	2 minutes

  

<b>Viruses</b>	<b>Contact time</b>
Human Immunodeficiency Virus Type 1 (HIV-1)	30 seconds
Avian Influenza Virus (H5N1) NIBRG-14	30 seconds
SARS-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	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

  

<b>Soft-surface sanitization</b>	<b>Contact time</b>
<b>Bacteria</b>	
<i>Enterobacter aerogenes</i>	2 minutes
<i>Staphylococcus aureus</i>	2 minutes

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1. [https://www3.epa.gov/pesticides/chem\\_search/ppls/001839-00220-20210525.pdf](https://www3.epa.gov/pesticides/chem_search/ppls/001839-00220-20210525.pdf)

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