

Comparison of EPA Registered Hospital Disinfectants/Ready to Use Non-Sporicidal Disinfectant Wipes

Product Name	Monarch Surface Disinfectant Wipe	OptiCide 3 Wipes	Caviwipes	Caviwipes 1	Optim33 TB Wipes	Clorox Hydrogen Peroxide Wipes	Super Sani-Cloth Germicidal Wipe	Sani-Cloth Plus Germicidal Cloth	Sani-Cloth AF3 Germicidal Wipe
Company	Air Techniques	Biotrol	Kerr TotalCare	Kerr TotalCare	SciCan	Clorox	PDI	PDI	PDI
EPA Registration Number	88494-2	70144-2	46781-8	46781-13	74559-3	67619-25	9480-4	9480-6	9480-9
Active Ingredients	72.5% Alcohol 0.33% Quat	21% Alcohol 0.31% Quat	17.2% Alcohol 0.28% Quat	22.5% Alcohol 0.76% Quat	0.5% Hydrogen Peroxide	1.4% Hydrogen peroxide	55.0% Alcohol 0.5% Quat	14.85% Alcohol 0.25% Quat	0.28% Quat
Signal Word (Toxicity Concern)	CAUTION	CAUTION	CAUTION	WARNING	CAUTION	CAUTION	WARNING	CAUTION	CAUTION
Required Surface Contact Time	1 min.	2 min.	3 min.	3 min.	10 min.	5 min.	2 min.	3 min.	3 min.
“One Step” Disinfection On A Visibly Clean Surface	YES	NO	NO	YES	YES	YES	YES	YES	YES
Enveloped Viruses									
Avian Influenza		2 min.			1 min.	1 min.			3 min.
Corona Virus	1 min.			1 min.	1 min.	30 sec.	2 min.		3 min.
Cytomegalovirus						30 sec.			3 min.
Hepatitis B	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Hepatitis C	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Herpes Simplex	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
HIV-Aids	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	30 sec.
Influenza A and/or Pandemic 2009 H1N1 Influenza A, or H3N2 or Hong Kong Flu, or H2N2	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Influenza B						30 sec.			3 min.
Respiratory Syncytial virus (RSV)	1 min.					30 sec.	2 min.	3 min.	3 min.
Vaccinia virus							2 min.		
Large Non-Enveloped Viruses									
Adenovirus				3 min.	1 min.		2 min.		3 min.
Rotavirus	1 min.	2 min.			1 min.	1 min.	2 min.		3 min.
Small Non-Enveloped Viruses									
Norovirus (Norwalk Disease)	1 min.				1 min.	3 min.			
Poliovirus (Polio)	1 min.				1 min.				
Rhinovirus (Common Cold)	1 min.	2 min.			1 min.	1 min.	2 min.		
Enterovirus EV-D68									
Mycobacterium									
Mycobacterium bovis (Tuberculosis)	1 min.	2 min.	3 min.	1 min.	5 min.	5 min.	1 min.		3 min.
Pathogenic Fungi									
Trichophyton mentagrophytes	1 min.	2 min.	3 min.	3 min.	10 min.	5 min.			
Candida albicans				1 min.		5 min.	2 min.		3 min.
Encapsulated Bacteria									
Klebsiella pneumoniae	1 min.	2 min.		1 min.	1 min.	30 sec.	2 min.		3 min.
Pseudomonas aeruginosa	1 min.	2 min.	3 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Bordatella bronhiseptica		3 min.							3 min.
Bordatella pertussis							2 min.		3 min.

Questions? Call our Monarch Support Team at 800-247-8324

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"One Step" Disinfection On A Visibly Clean Surface	YES	NO	NO	YES	YES	YES	YES	YES	YES
Drug Resistant Bacteria									
Acinetobacter baumannii MDR	1 min.	2 min.		1 min.	1 min.	1 min.	2 min.		3 min.
Carbapenem resistant Enterobacter cloacae (CRE) or NDM-1 Positive						30 sec.	2 min.		
Escherichia coli - ESBL Producing MDR or NDM-1 Positive or Carbapenem Resistant				1 min.	1 min.	30 sec.	2 min.		3 min.
Vancomycin resistant Enterococcus faecium or faecalis (VRE)	1 min.	2 min.	2 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Klebsiella pneumoniae ESBL Producing MDR or KPC-2 or CRKP or NDM-1 Positive		2 min.		1 min.		30 sec.	2 min.		3 min.
Staphylococcus aureus - Methicillin resistant MRSA (Healthcare of Community Acquired) or MRSE	1 min.	2 min.	2 min.	1 min.	1 min.	1 min.	2 min.	3 min.	3 min.
Staphylococcus aureus - Vancomycin resistant VRSA									3 min.
Staphylococcus aureus Panel - Vancomycin intermediate VISA				1 min.					
Gram Positive Bacteria									
Listeria monocytogenes	1 min.	2 min.							3 min.
Staphylococcus aureus	1 min.	2 min.	3 min.	1 min.	1 min.	1 min.	2 min.	3 min.	3 min.
Streptococcus pyogenes (Strep)	1 min.					30 sec.			3 min.
Gram Negative Bacteria									
Burkholderia cepacia	1 min.			1 min.			2 min.		3 min.
Campylobacter jejuni	1 min.					1 min.	2 min.	3 min.	3 min.
Enterobacter aerogenes or Enterobacter cloacae		2 min.		1 min.		30 sec.			3 min.
Escherichia coli (E. coli) or E. coli O157:H7	1 min.	2 min.		1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Proteus vulgaris									3 min.
Salmonella enterica	1 min.	2 min.	3 min.	1 min.	1 min.	30 sec.	2 min.	3 min.	3 min.
Shigella dysenteriae					1 min.				3 min.

Monarch Surface Disinfectant

- Fast, broad-spectrum efficacy: ethanol based, bleach free formula kills TB, viruses*, bacteria and fungi in just 1 minute.
- Cleaning and disinfecting in one step saves time and money.
- Effective against odor-causing bacteria.
- Compatible with most surfaces in the dental office.
- Low toxicity rating.
- Fragrance-free.
- Can be used on Air Techniques CamX® cameras.
- Wipes available in 2 sizes: 6"x6.75" (P/N H6186) and 7"x9" (P/N H6171).



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