

Alternative, Non-bleach Disinfectants for Use in the Child Care Setting

Product name	AKA	Active ingredient	Dilution	EPA Reg No.	Method	Bacteria killed	Viruses killed	Fungi killed	Kill rate	Dwell time	Need wipe?	Need rinse?	For food surfaces?	Est.\$	\$ diluted
Oxivir Tb	Carpe Diem Tb Accel Tb	Accelerated hydrogen peroxide 0.5%	Ready To Use	70627-56	Spray bottle or wipes	E. coli Enterococcus faecalis Klebsiella pneumonia Pseudomonas aeruginosa Salmonella enterica Staphylococcus aureus			San.	30 sec	N	N	N	1.09/oz	same
							Feline Calcivirus Hepatitis B/C Herpes Simplex HIV-1 Human Coronavirus Influenza A Poliovirus Rhinovirus Rotavirus		Dis.	1 min					
									Dis.	5 min					
						Mycobacterium bovis (TB)			Dis.	10 min					
								Athletes foot	Dis.						
Oxivir Five 16 Conc.	Carpe Diem Five 16	Accelerated hydrogen peroxide 4.25%	1:16	70627-58	Spray bottle or mop	E. coli Enterococcus faecalis Klebsiella pneumonia Listeria monocytogenes Pseudomonas aeruginosa Salmonella enterica Staphylococcus aureus			San.	30 sec	N	N	N	.62/oz	.039/oz
							Canine parvovirus Hepatitis B/C Herpes HIV-1 Human Coronavirus Influenza A Norovirus Para-influenza Poliovirus Respiratory Syncytial Virus Rotavirus Vaccina virus (smallpox)		Dis.	5 min					
								Athletes foot mildew	Dis.	10 min					
Alpha HP Bathroom Disinfectant Conc.		Accelerated hydrogen peroxide 4.25%	1:128 or 1:64 1:128 or 1:64 1:128 or 1:64	70627-54	Spray bottle or mop	E. coli Klebsiella pneumoniae Pseudomonas aureginosa Enterococcus faecalis Salmonella choleraesuis Staphylococcus aureus			San.	3 min	N	N	N	.82/oz	.013/oz
									Dis.	1 min					
							HIV-1 Herpes simplex Influenza A		Dis.	5 min					
						Pseudomonas aureginosa Salmonella choleraesuis Staphylococcus aureus			Dis.	10 min					
Envirox Conc. 118		Hydrogen peroxide 3.95%	1:12.8	69268-2	Spray bottle or mop		Hepatitis B Herpes HIV-1 Influenza A		San.	5 min	N	N	N	.33/oz	.026/oz
						E. coli Klebsiella pneumoniae choleraesuis Staphylococcus aureus (not MRSA) Streptococcus faecalis	Salmonella		Dis.	5 min					

H2Orange2 One		Hydrogen peroxide 1%	RTU	69268-3	Spray bottle	E. coli Klebsiella pneumoniae Pseudomonas aeruginosa Salmonella choleraesuis Staphylococcus aureus (not MRSA) Streptococcus faecalis	HIV-1 Influenza A	Athletes foot	San.	5 min	Y	N	N	.23/oz	same
Peridox RTU		Hydrogen peroxide 4.4% + peroxyacetic acid 0.23%	RTU	88089-4	Spray bottle	Acinetobacter baumannii Campylobacter jejuni E. coli Enterobacter aerogenes Enterococcus faecalis/VRE Enterococcus hirae Haemophilus influenzae Klebsiella pneumoniae Legionella pneumophila Listeria monocytogenes Proteus vulgaris Pseudomonas aeruginosa Salmonella Serratia marcescens Shigella sonnei Staphylococcus aureus/MRSA Streptococcus pneumoniae Streptococcus pyogenes Vibrio cholerae Clostridium difficile Mycobacterium bovis (TB)	Adenovirus Herpes simplex HIV-1 Human coronavirus Influenza A Norovirus Poliovirus Reovirus Respiratory syncytial virus Rhinovirus Rotavirus	Athletes foot mold	Dis.	2 min 3 min 5 min	N	N	N	.31/oz	same
Benefect Broad Spectrum Disinfectant		Thymol 0.23%	RTU	84683-3 (liquid) 84683-4 (wipes)	Liquid or wipes	E. coli Pseudomonas aeruginosa Salmonella enterica Staphylococcus aureus (not MRSA) Mycobacterium bovis (TB)	HIV-1 A	Influenza Athletes foot	Dis.	10 min 5 min	N	N	Y Y	.28/oz	same
Cleanwell Daily/Weekly/Monthly Cleaner		Seventh Generation Disinfecting Bathroom Cleaner Thymol 0.05%	RTU	84683-3- 86066	Spray bottle or wipes	E. coli Pseudomonas aeruginosa Salmonella enterica Staphylococcus aureus (not MRSA)	HIV-1 Influenza A Rhinovirus 37		Dis.	10 min	N	N	Y* (requires rinse)	.15/oz	same
Clean-Cide		Citric acid 0.6%	RTU	34810-35	Spray bottle or wipes	E. coli Enterococcus faecalis Listeria monocytogenes Pseudomonas aeruginosa Salmonella choleraesuis Staphylococcus aureus Staphylococcus epidermis	Adenovirus Feline Calicivirus Herpes HIV-1 Influenza A Respiratory Syncytial virus Rotavirus Vaccina virus Canine Parvovirus Hepatitis B Poliovirus	Athletes foot	Dis.	5 min 10 min	N	N	N	.21/oz	same
Envirox Critical Care		Clean Kill 30, Duraclean, Germ Control 24- (silver form.), One Shot Plus, PureGreen 24, Spectrum 24, Staph Attack, Staph Control Citric acid 4.84% + 0.003% silver ions	RTU RTU RTU RTU	Various	Spray, wash, soak or dip	Listeria monocytogenes Pseudomonas aeruginosa Salmonella cholerae Staphylococcus aureus MRSA VRE	HIV-1 Herpes		Dis.	0.5 min 1 min 5 min	N	N	N	.23/oz	same
							Influenza A Polio Type 2	Rhinovirus Athletes foot	Dis.	10 min					

*This document is based on *Efficacy of asthma-safe disinfectants*, from greenschools.net, plus additional research.

**NOTE: Not all products are safe for food contact surfaces