

## Efficacy Bulletin

# Profect<sup>®</sup> HP Concentrate

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EPA Reg. 5741-37

Updated: 10/24

## Disinfection

This product is bactericidal according to the EPA Test Guideline 810.2200: AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample:	Carriers Showing Growth:	Contact Time	Dilution
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	0/60	1 minute	2oz/gal
	B	0/60		
	C	0/60		
<i>Staphylococcus aureus</i> (ATCC 6538)	A	0/60	1 minute	2oz/gal
	B	1/60		
	C	1/60		
<i>Salmonella enterica</i> (ATCC 10708)	A	1/60	1 minute	2oz/gal
	B	1/60		
	C	1/60		
<i>Acinetobacter baumannii</i> (ATCC 19606)	A	0/10	1 minute	2oz/gal
	B	0/10		
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	A	0/10	1 minute	2oz/gal
	B	0/10		
Extended-Spectrum beta-lactamase (ESBL) producing <i>Escherichia coli</i> (ATCC BAA-196)	A	0/10	1 minute	2oz/gal
	B	0/10		
Metallo-beta lactamase (MBL) producing <i>Pseudomonas aeruginosa</i> (CDC 2012059)	A	0/10	1 minute	2oz/gal
	B	0/10		
Methicillin Resistant <i>Staphylococcus aureus</i> - MRSA (ATCC 33592)	A	0/10	1 minute	2oz/gal
	B	0/10		
Multi-drug Resistant (MDR) <i>Enterococcus faecium</i> (ATCC 51559)	A	0/10	1 minute	2oz/gal
	B	0/10		
Multi-drug Resistant (MDR) <i>Klebsiella pneumoniae</i> (ATCC 51503)	A	0/10	1 minute	2oz/gal
	B	0/10		
New Delhi metallo-beta-lactamase 1 (NDM-1) producing <i>Escherichia coli</i> (BAA-2469)	A	0/10	1 minute	2oz/gal
	B	0/10		

## Virucidal Activity

This product is virucidal according to the EPA Test Guideline 810.2200: Virucidal Hard Surface Efficacy Test, in the presence of 5% organic serum. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Log Reduction	Contact Time	Dilution
Avian Influenza A (H5N1) Virus (NI-BRG-14)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Herpes Simplex Virus Type 1 (ATCC VR-260)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Herpes Simplex Virus Type 2 (ATCC VR-734)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Human Coronavirus (ATCC VR-740, 229E)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Human Hepatitis B Virus (HCB), (Hepadnavirus Testing, Grimaud)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Human Hepatitis C Virus (HCV) (NADL)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
HIV Type 1 (AIDS Virus) (HTLV-IIIB)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Human Rotavirus (ATCC VR-2018)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Influenza A Virus (Novel H1N1), (A/PR/8/34)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Influenza B Virus (B/Lee/40)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Norovirus (Feline Calicivirus) (ATCC VR-782)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Respiratory syncytial virus (RSV) (ATCC VR-26)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Rhinovirus type 37 (ATCC VR-1607)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Vaccinia virus (ATCC VR-1508)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2) (USA-WA1/2020 strain)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		
	C	≥3.00		

## Non-Food Contact Soft Surface Sanitization

This product sanitizes soft non-food contact surfaces according to the EPA Test Guideline 810.2400, Disinfectants and Sanitizers for Use on Fabrics and Textiles. All tests are completed under Good Laboratory Practices (GLP) conditions.

Organism	Substrate	Sample	% Reduction	Contact Time	Dilution
<i>Klebsiella aerogenes</i> (ATCC 13048)	Cotton	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		
	Polyester	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		
	50/50 Blend	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		
<i>Staphylococcus aureus</i> (ATCC 6538)	Cotton	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		
	Polyester	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		
	50/50 Blend	A	> 99.9%	3 minute	4oz/gal
		B	> 99.9%		
		C	> 99.9%		

## Animal Premis Virucidal

This product is an animal premise virucide according to the EPA Test Guideline 810.2200: Virucidal Hard Surface Efficacy Test, in the presence of 5% organic serum. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Log Reduction	Contact Time	Dilution
Canine Parvovirus (CPV), (ATCC VR-2017)	A	≥3.00	3 minutes	4oz/gal
	B	≥3.00		
Feline Calicivirus (ATCC VR-782)	A	≥3.00	1 minute	2oz/gal
	B	≥3.00		