

Efficacy Bulletin

Clothesline Fresh[®] Laundry Sanitizer 26

EPA Reg. 10324-117-5741

Laundry Presoak Disinfection

This product is an effective laundry presoak disinfectant in 200 ppm hard water.

Organism:	Sample:	Positive carriers:	Contact time:	Dilution:
<i>Burkholderia cepacia</i> (ATCC 25416)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Campylobacter jejuni</i> (ATCC 29428)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Corynebacterium ammoniagenes</i> (ATCC 6871)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Enterococcus faecalis</i> Vancomycin Resistant (ATCC 51299)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Escherichia coli</i> O157:H7 (ATCC 43888)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Klebsiella pneumoniae</i> (ATCC 13883)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Listeria monocytogenes</i> (ATCC 19111)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	4/60	10 minutes	1.2 oz./2 gal.
	B	4/60		
	C	3/60		
<i>Rhodococcus equi</i> (ATCC 7699)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Salmonella enterica</i> (ATCC 10708)	A	0/60	10 minutes	1.2 oz./2 gal.
	B	1/60		
	C	0/60		
<i>Salmonella enterica</i> serovar <i>typhimurium</i> (ATCC 14028)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Salmonella typhi</i> (ATCC 6539)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Staphylococcus aureus</i> (ATCC 6538)	A	0/60	10 minutes	1.2 oz./2 gal.
	B	0/60		
	C	0/60		
<i>Staphylococcus aureus</i> (CA-MRSA) (Genotype USA400)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Staphylococcus aureus</i> (HA-MRSA) (ATCC 33591)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		
<i>Streptococcus equi</i> (ATCC 33398)	A	0/10	10 minutes	1.2 oz./2 gal.
	B	0/10		

Laundry Presoak Disinfection

Organism:	Sample:	Log Reduction:	Contact time:	Dilution:
Avian Influenza A (H5N1) Virus (CDC 2006719965)	A	≥4.00	10 minutes	1.2 oz./2 gal.
	B	≥4.00		
Herpes Simplex Type 1 Virus (ATCC VR-733)	A	≥4.50	10 minutes	1.2 oz./2 gal.
	B	≥4.50		
Herpes Simplex Type 2 (ATCC VR-734)	A	≥5.25	10 minutes	1.2 oz./2 gal.
	B	≥5.25		
Human Coronavirus (ATCC VR-740)	A	≥5.25	10 minutes	1.2 oz./2 gal.
	B	≥5.25		
Human Immunodeficiency Virus Type 1 (AIDS Virus) (Strain IIRF)	A	≥3.50	2 minutes	1.2 oz./2 gal.
	B	≥3.50		
Influenza A (H1N1) Virus (ATCC VR-1469)	A	≥4.00	10 minutes	1.2 oz./2 gal.
	B	≥4.00		
Influenza A2/Hong Kong Virus (H3N2) (ATCC VR-544)	A	≥4.50	10 minutes	1.2 oz./2 gal.
	B	≥4.50		
SARS-CoV-2 (USA-WA1/2020)	A	≥3.00	2 minutes	1.2 oz./2 gal.
	B	≥3.00		
	C	≥3.00		
Vaccinia Virus (VR-119)	A	≥5.00	10 minutes	1.2 oz./2 gal.
	B	≥5.00		

Laundry Presoak Sanitizer

This product is an effective laundry presoak sanitizer in 200 ppm hard water.

Organism:	Sample:	Log Reduction:	Contact time:	Dilution:
<i>Klebsiella pneumoniae</i> (ATCC 4352)	A	4.51	3 minutes	1.2 oz./2 gal.
	B	>5.44		
	C	>4.62		
<i>Staphylococcus aureus</i> (ATCC 6538)	A	>4.10	3 minutes	1.2 oz./2 gal.
	B	3.57		
	C	>4.17		

Clothesline Fresh® Laundry Sanitizer 26 provides fabric with residual bacteriostatic activity against odor causing gram-negative and gram-positive bacteria (*Corynebacterium ammoniagenes*, *Klebsiella Pneumoniae*, and *Staphylococcus aureus*) when added to the final rinse at a rate of 10 oz. per 100 lbs. of dry laundry.