

# Efficacy Data: #355 pH7Q Dual



EPA REG NO. 10324-141-4170

pH7Q Dual is a proven one-step disinfectant, cleaner, sanitizer, fungicide, mildewstat, and virucide\*. This product is an economical concentrate that can be used with a mop and bucket, trigger sprayers, or sponge.

## BACTERICIDAL EFFICACY

This product kills the following bacteria in 10 minutes at 0.5 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

ORGANISM	ATCC#	Contact Time
Acinetobacter baumannii	19003	10 min.
Acinetobacter lwoffii	9957	10 min.
Acinetobacter lwoffii	15309	10 min.
Bordetella bronchiseptica	10580	10 min.
Chlamydia psittaci	VR-125	10 min.
Citrobacter freundii	8090	10 min.
Enterobacter agglomerans	27155	10 min.
Enterobacter aerogenes	13048	10 min.
Enterobacter cloacae	13047	10 min.
Escherichia coli	11229	10 min.
Escherichia coli O157:H7	35150	10 min.
Escherichia coli (Carbapenem Resistant)	CDC 81371	10 min.
Escherichia coli (Extended Spectrum B-Lactamase) (ESBL)	BAA-196	10 min.
Escherichia coli (Tetracycline Resistant)	47041	10 min.
Enterococcus faecalis	19433	10 min.
Enterococcus hirae	10541	10 min.
Fusobacterium necrophorum	27852	10 min.
Klebsiella oxytoca	13182	10 min.
Klebsiella pneumoniae	13883	10 min.
Klebsiella pneumonia (NDM-1 positive) (Carbapenem Resistant)	BAA-2146	10 min.
Listeria monocytogenes	19117	10 min.
Micrococcus luteus	14452	10 min.
Micrococcus luteus	4698	10 min.
Pasturella multocida	12947	10 min.
Proteus vulgaris	9920	10 min.
Proteus vulgaris	13315	10 min.
Pseudomonas aeruginosa (Tetracycline Resistant)	15442	10 min.
Pseudomonas aeruginosa (Tetracycline Resistant)	27853	10 min.
Pseudomonas cepacia	25416	10 min.
Salmonella enterica	23564	10 min.
Salmonella enterica	10708	10 min.
Salmonella enteritidis	4931	10 min.
Salmonella enterica serotype pullorum	19945	10 min.
Salmonella typhi	6539	10 min.
Salmonella typhimurium	23564	10 min.

Serratia marcescens	9103	10 min.
Serratia marcescens	14756	10 min.
Shigella flexneri	9380	10 min.
Shigella flexneri	12022	10 min.
Shigella sonnei	25931	10 min.
Staphylococcus aureus	6538	10 min.
Staphylococcus aureus	25923	10 min.
Staphylococcus aureus (sub species aureus)	33586	10 min.
Staphylococcus aureus	14154	10 min.
Staphylococcus aureus (Community Associated Methicillin Resistant)(CAMRSA)	Genotype USA 400	10 min.
Staphylococcus aureus (Community Associated Methicillin Resistant)(CAMRSA)	Genotype USA 300	10 min.
Staphylococcus aureus (Methicillin Resistant) (MRSA)	33592	10 min.
Staphylococcus epidermidis	14990	10 min.
Staphylococcus epidermidis (Antibiotic resistant)	51625	10 min.
Streptococcus agalactiae	13813	10 min.
Staphylococcus haemolyticus	29970	10 min.
Streptococcus pneumoniae (Penicillin Resistant)	51915	10 min.
Streptococcus pyogenes	19615	10 min.
Streptococcus mutans	25175	10 min.
Enterococcus faecalis (Vancomycin Resistant) (VRE)	51299	10 min.
Staphylococcus aureus (Vancomycin Intermediate Resistant) (VISA)	HIP5836	10 min.
Vibrio cholera	11623	10 min.
Yersinia enterocolitica	23715	10 min.

## VIRUCIDAL ACTIVITY

This product kills the following viruses in 10 minutes at 0.5 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

Avian InfluenzaA	H5N1	10 min.
Avian InfluenzaA (H3N2) Virus (Avian Reassortant)	H3N2, VR-2072	10 min.
Cytomegalovirus	VR-538	10 min.
<b>Coronavirus</b>	<b>SARS-associated</b>	<b>10 min.</b>
Hantavirus		10 min.
Hepatitis B Virus (HBV)		10 min.
Hepatitis C Virus (HCV)		10 min.
Herpes Simplex Virus Type 1	VR-733	10 min.
Herpes Simplex Virus Type 2	VR-734	10 min.
<b>Human Coronavirus</b>	<b>VR-740</b>	<b>10 min.</b>
Human Immunodeficiency Virus Type 1 (HIV 1) (AIDS Virus)		10 min.
InfluenzaA Virus (H3N2)	VR-544	10 min.
	VR-1469	10 min.
InfluenzaA (H1N1) Virus	Strain A/PR/8/34	10 min.
InfluenzaA Virus (H3N2) (Hong Kong Strain)	VR-544	10 min.
Respiratory Syncytial Virus	VR-26	10 min.
Vaccinia Virus	VR-119	10 min.

## ANIMAL PREMISE VIRUCIDAL EFFICACY

This product kills the following viruses in 10 minutes at 0.5 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

Avian Infectious Bronchitis Virus	Strain Beaudette IB42	10 min.
Avian InfluenzaA Virus (H5N1)		10 min.
Avian InfluenzaA Virus (H3N2) (Avian Reassortant)	VR-2072	10 min.
Canine Coronavirus	VR-809	10 min.
Canine Distemper Virus	VR-128	10 min.
Feline Picornavirus	VR-649	10 min.
Infectious Bovine Rhinotracheitis Virus	VR-188	10 min.
Pseudorabies Virus	VR-135	10 min.
Swine InfluenzaA Virus (H1N1) Strain A/Swine/Iowa/15/30	VR-333	10 min.
Transmissible Gastroenteritis Virus (TGE) (Clinical Isolate)		10 min.

This product kills the following viruses in 10 minutes at 2.25 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

Canine Parvovirus	CPV	10 min.
Mice Parvovirus (Not for use in CA)	VR-1346	10 min.
Rabies		10 min.
Porcine Parvovirus	VR-742	10 min.

## FUNGICIDAL EFFICACY

This product kills the following fungi in 10 minutes at 0.5 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

Candida albicans	10231	10 min.
Trichophyton mentagrophytes (Athlete's foot fungus) (a cause of Ringworm)	9533	10 min.

## MILDEW EFFICACY

This product kills the following mold in 10 minutes at 0.5 oz. per gal. of water {(660 ppm active)} and 5% soil on hard, non-porous surfaces

Aspergillus niger	16404	10 min.
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