

Retaliate Neutral Disinfectant Cleaner

Product Information

- · EPA Registered Cleaner Disinfectant
- · Virucide, Bactericide, Fungicide & Mildewcide

Disinfectant/Cleaner/Sanitizer

Desinfectante / Limpiador / Sanitizante

DESCRIPTION:

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 200 ppm (calculated as CaCO3) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor saving step. For use in hospitals and nursing homes as a disinfectant. Use in schools, colleges, veterinary clinics, animal life science laboratories, pet shops, airports, and kennels.

Disinfects, cleans and deodorizes the following hard, nonporous inanimate surfaces: floors, walls,(non-medical) metal surfaces, (non-medical) stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, acrylic, etc.). This product kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu). Effective against Influenza A virus associated with the flu.

DIRECTIONS:

Dilute product 1:256 or 1/2 ounces per gallon of water (660 ppm quat). Use a mop, brush, sponge or coarse sprayer. Apply to surface and let stand for a few minutes. Rinse with clean water.

Efficacy - see efficacy sheet for additional claims

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Bacteria	Contact Time
Pseudomonas aeruginosa1	10 min
Staphylococcus aureus1	10 min
Salmonella enterica	10 min
Acinetobacter baumannii	10 min
Acinetobacter calcoaceticus	10 min
Bordetella bronchiseptica	10 min
Chlamydia psittaci	10 min
Staphylococcus aureus - Comm Associated Methicillin - Resista CA-MRSA (NRS384) (USA300	ant -
Staphylococcus aureus - Comm Associated Methicillin - Resista CA-MRSA (NRS123) (USA400	unity 10 min ant -
Enterobacter aerogenes	10 min
Enterobacter cloacae	10 min
Enterococcus faecalis	10 min
-Vancomycin Resistant (VRE)	10 min
Escherichia coli ¹	10 min
Fusobacterium necrophorum	10 min
Klebsiella pneumoniae1	10 min
Legionella pneumophila	10 min
Listeria monocytogenes	10 min
Pasteurella multocida	10 min
Proteus mirabilis	10 min
Proteus vulgaris	10 min
Salmonella enteritidis	10 min
Salmonella typhi	10 min
Serratia marcescens	10 min
Shigella flexneri	10 min
Shigella sonnei	10 min
Staphylococcus aureus	10 min
-Methicillin resistant (MRSA)	
Staphylococcus aureus -Vancomycin Intermediate Resistant (VISA)	10 min
Staphylococcus epidermidis2	10 min
Streptococcus faecalis1	10 min
Streptococcus pyogenes (Strep)	10 min
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Viruses	Contact Time
Human coronavirus Influenza A Virus/Hong Kong HIV-1 (AIDS virus) Adenovirus Type 7- at 2 oz per * See Note	
Hepatitis B Virus (HBV) Herpatitis C Virus (HCV) Herpes Simplex Virus Type 1 Herpes Simplex Virus Type 2 Rotavirus (WA) Respiratory Syncytial Virus (RS Rubella Virus SARS Associated Coronavirus Vaccinia virus	10 min

Animal Viruses	Contact Time
Avian Influenza Virus (H5N1) Avian polyomavirus Canine distemper virus Feline leukemia virus Feline picornavirus Infectious bovine rhinotracheit Infectious bronchitis virus(Avia Newcastle Disease Virus Pseudorabies virus Rabies virus Transmissible Gastroenteritis virus (TGE)	
1 ATCC & antibiotic-resistant 2 antibiotic-resistant strain or	

RETALIATE

NEUTRAL
DISINFECTANT
CLEANER

GENERAL PROJECTION
GENERAL PR

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1/2 Gallon 146264T4 1 Gallon 146204

TECHNICAL SPECS:

pH	7.5 - 8.5
Fragrance	Lemon
Color	Green
Specific Gravity	1.03
VOC Content	<4 g/l
Foam Characteristic	Moderate
Solubility in Water	Complete

See SDS for complete product information.

Note: COVID-19 is caused by SARS-CoV-2, a novel coronavirus. Retaliate kills similar viruses and therefore can be used against SARS-CoV-2 when used in accordance with the directions for use against Adenovirus Type 7 on hard, non-porous surfaces. Refer to the CDC website at https://www.cdc.gov/coronavirus/2019-ncov/index.html for additional information.



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Main Registrant Product Name: FORMULATION HWS-256 (EPA Reg. No. 47371-129) from H&S Chemicals Division of LONZA, LLC.