

Product Name:

EPA #: 6836-75

Sub Registrant #:

Company Name:

Description

Use this product in: hospitals, nursing homes, medical offices, dental offices, health care facilities, clinics, nursing homes, institutional facilities, business and office buildings, hotels, motels, schools, colleges, universities, athletic facilities, locker rooms, and exercise facilities. Use this product on washable hard, non-porous surfaces of: floors, walls, bathroom fixtures, tables, chairs, desks, cabinets, doorknobs, garbage cans, and other hard, non-porous surfaces made of: Glazed enameled surfaces, finished woodwork, and vinyl and plastic upholstery.

Physical Properties

pH of Concentrate	12.0 – 13.5	Flash Point (PMCC)	>200°F
Specific Gravity @ 25°C	1.01	% Quat (mol. wt.360.5)	5.23 – 5.77
Pounds per gallon @ 25°C	8.379	% Volatile	>85

Summary of Antimicrobial Test Results

As a disinfectant, **this product** is effective against:

Bacteria:

Organism	ATCC#
Acinetobacter baumannii	19606
Burkholderia cepacia	25416
Campylobacter jejuni	29468
Corynebacterium ammoniagenes	6871
Enterobacter aerogenes	13048
Enterobacter cloacae NDM-1 positive	CDC 1000654
Enterococcus faecalis	11700
Enterococcus faecalis - Vancomycin Resistant (VRE)	51299
Escherichia coli (E. Coli)	11229
Escherichia coli, New Delhi Metallo-Beta Lactamase (NDM-1)	BAA-2469
ESBL Escherichia coli – (Extended spectrum beta-lactamase producing E. coli)	CU-209
Klebsiella pneumoniae	4352
Klebsiella pneumonia – NDM-1 positive	CDC 1000527

Legionella pneumophila	33153
Listeria monocytogenes	19117
Pseudomonas aeruginosa	15442
Salmonella enterica	10708
Salmonella schottmuelleri	10719
Salmonella typhi	6539
Serratia marcescens	274
Shigella dysenteriae	9380
Staphylococcus aureus	6538
Staphylococcus aureus – Community Associated Methicillin-Resistant (CA-MRSA)	NRS384/USA300
Staphylococcus aureus – Community Associated Methicillin-Resistant (CA-MRSA)	NRS123/USA400
Staphylococcus aureus - Methicillin-Resistant (MRSA)	33592
Staphylococcus aureus - Multi-Drug Resistant	14154
Staphylococcus aureus-Vancomycin Intermediate Resistant – (VISA)	CDC# HIP-5836
Streptococcus pyogenes	12384
Vibrio cholerae	14035

Viruses:

Organism	Source of Virus or ATCC#
*Hepatitis B Virus (HBV)	Pekino strain, Stanford University
*Hepatitis C Virus (HCV)	BVDV-CPE, American Bioresearch Laboratories
*Herpes Simplex Virus Type 1	Sabin
*Herpes Simplex Virus Type 2	Strain G, ATCC 734
*HIV-1 (AIDS Virus)	Strain HTLV-III _{RF}
*Human Coronavirus	VR-740
*Influenza Virus Type A/H1N1	CDC E-7 1/8/79
*Influenza Virus Type A/H3N2	VR-544
*2013 Influenza A Virus (H7N9)	A/Anhui/1/2013; Centers for Disease Control and Prevention
*Respiratory Syncytial Virus (RSV)	Strain Long, ATCC VR-26
*SARS Associated Coronavirus (SARS)	CDC Strain 200300592, Zeptomatrix Corporation
*SARS-Related Coronavirus 2 (SARS-CoV-2)	Strain USA-WA1/2020, Source: BEI Resources, NR-52281
*Vaccinia Virus	Wyeth Strain
*Adenovirus Type 5 (at 1:16 dilution [8 oz. per gallon of water])	VR-5
*Adenovirus Type 7 (at 1:16 dilution [8 oz. per gallon of water])	VR-7
*Norwalk Virus (Norovirus)	University of Ottawa
*Rotavirus	WA strain, University of Ottawa

This Product is effective against the following animal viruses:

Organism	Source of Virus or ATCC#
Avian Infectious Bronchitis Virus	VR-22
Avian Influenza Virus H3N2	VR-2072
Avian Influenza Virus H5N1	Strain VNH5N1-PR8/CDC-RG, Centers for Disease Control and Prevention
Canine Distemper Virus	Strain Onderstepoort, American Bioresearch Laboratories
Feline Calicivirus	University of Ottawa
Feline Panleukopenia Virus (32 oz. per gallon of water)	VR-648, Strain Philips Roxane
Murine Norovirus ³	MNV-1, Strain MNV-1.CW1
Newcastle's Disease Virus	VR-108, Strain B1, Hitchner or Blacksburg
Pseudorabies Virus	Strain Aujeschkies, PT-1 origin, American Bioresearch Laboratories

Fungi:

Organism	ATCC #
<i>Aspergillus fumigatus</i>	36607
<i>Aspergillus niger</i> (mildew)	6275
<i>Trichophyton interdigitale</i> (the Athlete's Foot Fungus)	9533

Footnotes:

³Tested in deionized water