Product Name: A2Z Disinfecting Multi-Surface & Glass Cleaner - Lavender Scent

EPA #: 6836-152

Sub Registrant #: 8325

Company Name: Misco Products Corporation

Description

This product is a one-step[2] disinfectant[5] cleaner that is effective against a broad spectrum of bacteria, is virucidal*, fungicidal, and inhibits the growth of mold and mildew, and their odors, when used as directed. Use this product in: schools, colleges, and institutional facilities. Use this product on washable hard, non-porous surfaces of: windows, countertops, showers, sinks, and toilet exteriors.

Physical Properties

pH of Concentrate	10.0 – 12.0	**Flash Point (PMCC)**	>200°F
Specific Gravity @ 25°C	1.00	**% Quat (mol. wt.360.5)**	.078 – .092
Pounds per gallon @ 25°C	8.336	**% Volatile**	>95

Summary of Antimicrobial Test Results

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

Bacteria:

Organism	ATCC#	Contact Time
Acinetobacter baumannii	19606	10 minutes
Burkholderia cepacia	25416	10 minutes
Campylobacter jejuni	29468	10 minutes
Corynebacterium ammoniagenes	6871	10 minutes
Enterobacter aerogenes	13048	10 minutes
Enterobacter cloacae NDM-1 positive	CDC 1000654	10 minutes
Enterococcus faecalis	11700	10 minutes
Enterococcus faecalis - Vancomycin Resistant (VRE)	51299	10 minutes
Escherichia coli (E. Coli)	11229	10 minutes
Escherichia coli, New Delhi Metallo-Beta Lactamase (NDM-1)	BAA-2469	10 minutes
ESBL Escherichia coli – (Extended spectrum beta-lactamase producing E. coli)	CU-209	10 minutes
Klebsiella pneumoniae	4352	10 minutes
Klebsiella pneumonia – NDM-1 positive	CDC 1000527	10 minutes

Legionella pneumophila	33153	10 minutes
Listeria monocytogenes	19117	10 minutes
Pseudomonas aeruginosa	15442	10 minutes
Salmonella enterica	10708	10 minutes
Salmonella schottmuelleri	10719	10 minutes
Salmonella typhi	6539	10 minutes
Serratia marcescens	274	10 minutes
Shigella dysenteriae	9380	10 minutes
Staphylococcus aureus	6538	10 minutes
Staphylococcus aureus – Community Associated Methicillin-Resistant (CA-MRSA)	NRS384/USA 300	10 minutes
Staphylococcus aureus – Community Associated Methicillin-Resistant (CA-MRSA)	NRS123/USA 400	10 minutes
Staphylococcus aureus - Methicillin-Resistant (MRSA)	33592	10 minutes
Staphylococcus aureus - Multi-Drug Resistant	14154	10 minutes
Staphylococcus aureus-Vancomycin Intermediate Resistant – (VISA)	CDC# HIP-5836	10 minutes
Streptococcus pyogenes	12384	10 minutes
Vibrio cholerae	14035	10 minutes

Viruses:

Organism	Source of Virus or ATCC#	Contact Time
*Hepatitis B Virus (HBV)	Pekino strain, Stanford University	10 minutes
*Hepatitis C Virus (HCV)	BVDV-CPE, American Bioresearch Laboratories	10 minutes
*Herpes Simplex Virus Type 1	Sabin	10 minutes
*Herpes Simplex Virus Type 2	Strain G, ATCC 734	10 minutes
*HIV-1 (AIDS Virus)	Strain HTLV-III_{RF}	10 minutes
*Human Coronavirus	VR-740	1 minute
*Influenza Virus Type A/H1N1	CDC E-7 1/8/79	1 minute
*Influenza Virus Type A/H3N2	VR-544	1 minute
*2013 Influenza A Virus H7N9	A/Anhui/1/2013; Centers for Disease Control and Prevention	10 minutes
*Respiratory Syncytial Virus (RSV)	Strain Long, ATCC VR-26	10 minutes
*SARS Associated Coronavirus (SARS)	CDC Strain 200300592, Zeptometrix Corporation	10 minutes
*SARS-Related Coronavirus 2 (SARS-CoV-2)	Strain USA-WA1/2020, Source: BEI Resources, NR-52281	1 minute
*Vaccinia Virus	Wyeth Strain	10 minutes
*Norwalk Virus (Norovirus)	University of Ottawa	10 minutes
*Rotavirus	WA strain, University of Ottawa	10 minutes

This Product is effective against the following animal viruses:

Organism	**Source of Virus or ATCC#**	**Contact Time**
Avian Infectious Bronchitis Virus	VR-22	10 minutes
Avian Influenza Virus H3N2	VR-2072	10 minutes
Avian Influenza Virus H5N1	Strain VNH5N1-PR8/CDC-RG, Centers for Disease Control and Prevention	10 minutes
Canine Distemper Virus	Strain Ondersterpoort, American Bioresearch Laboratories	10 minutes
Feline Calicivirus	University of Ottawa	10 minutes
Murine Norovirus[3]	MNV-1, Strain MNV-1.CW1	10 minutes
Newcastle's Disease Virus	VR-108, Strain B1, Hitchner or Blacksburg	10 minutes
Pseudorabies Virus	Strain Aujesczkies, PT-1 origin, American Bioresearch Laboratories	10 minutes

Fungi:

Organism	**ATCC #**	**Contact Time**
Aspergillus niger	6275	10 minutes
Aspergillus fumigatus	36607	10 minutes
Trichophyton interdigitale (the Athlete's Foot Fungus)	9533	10 minutes

Footnotes:
[2]On hard, non-porous, non-food surfaces
[3]Tested in deionized water
[5]When used according to the disinfection directions