

**PERMASAFE STEP 1 & PERMASAFE CLEAN ARE EFFECTIVE
AGAINST THE FOLLOWING MICROORGANISMS**

HARD SURFACE SANITIZATION, NO RINSE REQUIRED: 60 SECOND CONTACT TIME
Escherichia coli (ATCC 11229)
Staphylococcus aureus (ATCC 6538)

SOFT SURFACE SANITIZATION: 5 MINUTE CONTACT TIME
S. aureus ATCC 6538
E. aerogenes ATCC 13048

CARPET SANITIZATION: 60 MINUTE CONTACT TIME
Enterobacter aerogenes (ATCC 13048)
Staphylococcus aureus (ATCC 6538)

FUNGICIDE: 10 MINUTE CONTACT TIME
Trichophyton rubrum ATCC MYA
Trichophyton interdigitale ATCC 9533

MILDEWSTAT: 10 MINUTE CONTACT TIME
Aspergillus Niger ATCC 6275

DISINFECTION, BACTERIA: 10 MINUTE CONTACT TIME
Pseudomonas aeruginosa ATCC 15442
Acinetobacter Baumannii ATCC 19606
Staphylococcus aureus MRSA ATCC 33592
Listeria monocytogenes ATCC 15313
Legionella pneumophila ATCC 33153
Salmonella enterica ATCC 10708
Staphylococcus aureus ATCC 6538
Klebsiella pneumoniae (NDM-1) ATCC BAA-2146
Escherichia Coli ATCC 11229
Bordetella Bronchiseptica ATCC 10580
Mycobacterium Bovis- BCG
Penicillin- Resistant Streptococcus pneumoniae, ATCC# 700677
Chlamydia Psittaci, Strain 6BC, ATCCVR-125

DISINFECTION VIRUS: 5 MINUTE CONTACT TIME
Rotavirus, Strain WA
Hepatitis C Virus
Bovine Viral Diarrhea Virus
Hepatitis B Virus
Duck Hepatitis
Norovirus
Feline Calicivirus

Murine Norovirus (MNV-1)
Swine Influenza (H1N1)
Respiratory Syncytial virus, ATCC VR-26
Human Immunodeficiency Virus (HIV Type 1) Strain HTLV-IIIb
Influenza B Virus (Strain B/Taiwan/2/62), ATCC VR-1735
Hepatitis A Virus ATCC VR-1541
Hantavirus (Prospect Hill Virus) University of Ontario
Canine Distemper Virus, Strain Snyder Hill, ATCC VR
Severe Acute Respiratory Syndrome- Related Coronavirus 2 (SARS-CoV-2) (COVID-19 Virus)

DISINFECTION VIRUS: 10 MINUTE CONTACT TIME

Adenovirus 1, Strain Adenoid 71, ATCC VR-1
Canine Parvovirus, Strain Cornell-780916, ATCC VR-2016
Canine adenovirus 1, Strain Utrecht, ATCC VR-293
Feline Herpesvirus 1 Strain C-27, ATCC VR-636
Feline coronavirus, Strain WSU 79-1683, ATCC VR 989
Canine coronavirus Strain 1-71, ATCC VR-809
Canine Influenza (H3N8) virus, Strain A/Ca/NY/105913/08, Cornell University
Feline Infectious Peritonitis Virus, Strain: WSU 79 1146, ATCC# VR-990
Feline panleukopenia virus, Strain Philips-Roxane, ATCC VR-648
Rabies Virus, Strain: Flury (HEP), ATCC VR-139
Avian Influenza (H5N1) Virus (VNH5N1-PR8/CDC-RG), CDC #2006719965, Charles River Laboratories
Herpes Simplex Virus 1 (Human), Strain HF, ATCC VR-260
Porcine Epidemic Diarrhea Virus, Strain CO 2013, USDA APHIS 025-PDV001
Porcine Reproductive and Respiratory Syndrome Type 2 Virus, Strain NVSL (North America), NVSL 130

EPA PATHOGEN-SPECIFIC LISTS

LIST C: EPA's Registered Antimicrobial Products Effective Against Human HIV-1 Virus
LIST D: EPA's Registered Antimicrobial Products Effective Against Human HIV-1 and Hepatitis B Virus
LIST F: EPA's Registered Antimicrobial Products Effective Against Hepatitis C Virus
LIST G: EPA's Registered Antimicrobial Products Effective Against Norovirus
LIST L: EPA's Registered Antimicrobial Products that Meet the CDC Criteria for Use Against the Ebola
LIST N: Disinfectants for Coronavirus (COVID-19)
LIST O: Disinfectants for Use Against Rabbit Hemorrhagic Disease Virus (RHDV2)

EPA EMERGING VIRAL PATHOGENS

Enveloped Viruses
Large Non-Enveloped Viruses
Small Non-Enveloped Viruses