

Efficacy Bulletin

Halt[®] 5

EPA Reg. 6836-363-5741

Halt 5 is a one-step⁴ disinfectant¹, Bactericidal tested according to the current AOAC Use Dilution and Virucidal* tested according to the virucidal qualification modified in the presence of 250 ppm hard water plus 5% organic serum against:

Bacteria

Organism	Contact Time	Dilution
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	5 minutes	2 fl. oz./gal
<i>Salmonella enterica</i> (ATCC 10708)	5 minutes	2 fl. oz./gal
<i>Staphylococcus aureus</i> (ATCC 6538)	5 minutes	2 fl. oz./gal
<i>Acinetobacter baumannii</i> (ATCC 19606)	5 minutes	2 fl. oz./gal
<i>Enterobacter aerogenes</i> (ATCC 13048)	5 minutes	2 fl. oz./gal
<i>Enterobacter cloacae</i> NDM 1 - Carbapenem Resistant [CRE] (ATCC BAA-2468)	5 minutes	2 fl. oz./gal
<i>Enterococcus faecalis</i> - Vancomycin resistant (ATCC 51299)	5 minutes	2 fl. oz./gal
<i>Escherichia coli</i> (ATCC 11229)	5 minutes	2 fl. oz./gal
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	5 minutes	2 fl. oz./gal
<i>Escherichia coli</i> - Extended Spectrum Beta Lactamase producing (ATCC 196)	5 minutes	2 fl. oz./gal
<i>Escherichia coli</i> NDM-1 - Carbapenem Resistant (ATCC BAA-2471)	5 minutes	2 fl. oz./gal
<i>Klebsiella pneumoniae</i> (ATCC 4352)	5 minutes	2 fl. oz./gal
<i>Klebsiella pneumoniae</i> - Extended Spectrum Beta Lactamase producing (ATCC 700603)	5 minutes	2 fl. oz./gal
<i>Klebsiella pneumoniae</i> NDM 1- Carbapenem Resistant (ATCC BAA-2473)	5 minutes	2 fl. oz./gal
<i>Legionella pneumophila</i> (ATCC 33153)	5 minutes	2 fl. oz./gal
<i>Listeria monocytogenes</i> (ATCC 19117)	5 minutes	2 fl. oz./gal
<i>Staphylococcus aureus</i> - Community Associated Methicillin-Resistant (ATCC BAA-1556)	5 minutes	2 fl. oz./gal
<i>Staphylococcus aureus</i> - Methicillin-Resistant (ATCC 33591)	5 minutes	2 fl. oz./gal
<i>Staphylococcus aureus</i> - Vancomycin Intermediate Resistant (CDC HIP 5836)	5 minutes	2 fl. oz./gal
<i>Staphylococcus aureus</i> - Vancomycin Resistant (ATCC 700699)	5 minutes	2 fl. oz./gal
<i>Streptococcus pyogenes</i> (ATCC 19615)	5 minutes	2 fl. oz./gal

¹When used according to the disinfection directions

⁴On hard, non-porous, non-food surfaces

Viruses*

Organism	Contact Time	Dilution
*SARS-Related Coronavirus 2	1 minute	2 fl. oz./gal
*Adenovirus Type 5 (ATCC VR-5 (Strain Adenoid 75))	5 minutes	2 fl. oz./gal
*Hepatitis B Virus (Grimaud Strain)	5 minutes	2 fl. oz./gal
*Hepatitis C Virus (NADL Strain)	5 minutes	2 fl. oz./gal
*Herpes Simplex Virus Type 1 (ATCC VR-260)	5 minutes	2 fl. oz./gal
*Herpes Simplex Virus Type 2 (ATCC VR-734)	5 minutes	2 fl. oz./gal
*HIV-1 (Strain IIIB (B))	5 minutes	2 fl. oz./gal
*Human Coronavirus (ATCC VR-740)	5 minutes	2 fl. oz./gal
*Influenza A Virus (H7N9) (A/Anhui/1/2013)	5 minutes	2 fl. oz./gal
*Influenza A Virus (Influenza) (A/8/68)	5 minutes	2 fl. oz./gal
*Norwalk Virus - Norovirus (ATCC VR-782)	5 minutes	2 fl. oz./gal
*Respiratory Syncytial Virus (ATCC VR-26)	5 minutes	2 fl. oz./gal
*Rotavirus, Strain WA (ATCC VR-2018)	5 minutes	2 fl. oz./gal
*SARS associated Coronavirus (CDC Strain 200300592)	5 minutes	2 fl. oz./gal
*Vaccinia Virus (ATCC VR-156)	5 minutes	2 fl. oz./gal

Animal Viruses

Avian Influenza (H5N1) (NIBRG-14)	5 minutes	2 fl. oz./gal
Feline Calicivirus (ATCC VR-782)	5 minutes	2 fl. oz./gal

Fungi

Organism	Contact Time	Dilution
Candida albicans (ATCC 10231)	5 minutes	2 fl. oz./gal
Trichophyton interdigitale (ATCC 9533)	10 minutes	8 fl. oz./gal