

## Efficacy Data

November 2012

Bactericidal	Contact Time
<i>Enterobacter aerogenes</i>	2 min
<i>Listeria monocytogenes</i>	2 min
<i>Pseudomonas aeruginosa</i>	2 min
<i>Salmonella typhimurium</i>	2 min
<i>Staphylococcus aureus</i>	2 min
<i>Vibrio cholerae</i>	2 min
<i>Salmonella enterica</i>	2 min
<i>Acinetobacter baumannii</i>	2 min
<i>Campylobacter jejuni</i>	2 min
<i>E. coli</i> O157:H7	2 min
<i>E. coli</i> ESBL	2 min
<i>Enterococcus faecalis</i> - Vancomycin Resistant (VRE)	2 min
<i>Enterococcus hirae</i>	2 min
<i>Haemophilus influenzae</i>	2 min
<i>Klebsiella pneumoniae</i>	2 min
<i>Legionella pneumophila</i>	2 min
<i>Proteus vulgaris</i>	2 min
<i>Serratia marcescens</i>	2 min
<i>Shigella sonnei</i>	2 min
Methicillin Resistant <i>Staphylococcus aureus</i> - (MRSA)	2 min
Community Acquired - <i>Staphylococcus aureus</i> (CA-MRSA)	2 min
<i>Streptococcus pneumoniae</i> - Penicilin Resistant (PRSP)	2 min
<i>Streptococcus pyogenes</i>	2 min

Sporicidal	Contact Time
<i>Clostridium difficile</i> spores	3 min

Viricidal	Contact Time
Avian influenza virus A (H3N2)	2 min
Human coronavirus	2 min
Adenovirus	2 min
Avian influenza virus H5N1	2 min
Herpes simplex, Type 1	2 min
Herpes simplex, Type 2	2 min
Human Immunodeficiency virus Type 1 (HIV-1)	2 min
Influenza A virus (H1N1)	2 min
Influenza virus Type A	2 min
Influenza virus Type B	2 min
Norovirus (F. calicivirus)	2 min
Poliovirus	2 min
Reovirus	2 min
Respiratory syncytial virus (RSV)	2 min
Rhinovirus	2 min
Rotavirus	2 min
Hepatitis B virus	2 min

Fungicidal/Mold Killing	Contact Time
<i>Aspergillus niger</i>	1 min
<i>Candida albicans</i>	1 min
<i>Trichophyton mentagrophytes</i>	1 min

Tuberculocidal	Contact Time
<i>Mycobacterium bovis</i>	5 min