

## ES512 MICROBIAL EFFICACY

	CONTACT TIME	ORGANIC SOIL	WATER CONDITIONS	DILUTION
<b>CLAIM:</b>				
1 <b>Disinfectant</b>	10 minutes	None (Pre-cleaned)	Deionzed	
Test Method	Official Method of the AOAC, 14 Edition Use-Dilution Method			
<b>ORGANISM:</b>				
Pseudomonas aeruginosa				550 ppm (.70 oz/gal)
Staphylococcus aureus(visa)				550 ppm
Salmonella choleraesuis				550 ppm
Listeria monocyogenes				550 ppm
Yersinia enterocolitica				550 ppm
Escherichia coli				550 ppm
E. coli 0157:H7				550 ppm

<b>CLAIM:</b>				
2 <b>Virucide</b>		None (Pre-cleaned)	Deionized	
Test Method	EPA Guidelines			
<b>ORGANISM:</b>				
Hepatitis B (HBV)	10 minutes			800 ppm (1.0 oz/gal)
Hepatitis C (HCV)				800 ppm
HIV-1				800 ppm
Influenza A-2 Japan				550 ppm (.70 oz./gal)
Herpes Simplex Type 1				550 ppm
Adenovirus Type 5				550 ppm
Vaccinia virus				550 ppm
Avian Influenza A/Turkey/Wisconsin				550 ppm
Newcastle disease virus				550 ppm
Laryngotrachetis virus				550 ppm
Bovine viral diarrhea virus				550 ppm
Human coronavirus (ATCC VR-740, Strain 229E)				550 ppm

<b>CLAIM:</b>				
3 <b>Sanitizer Food Contact</b>	60 seconds	None (Pre-cleaned)	750 ppm CaCO <sub>3</sub>	
Test Method	Official Method of Analysis of the AOAC - Disinfectant-Germicidal & Sanitizer			
<b>ORGANISM:</b>				
Escherichia coli				200 ppm (1.0 oz/4 gal)
Staphylococcus aureus				200 ppm
Yersinia enterocolitica				
Listeria monocytogenes				

<b>CLAIM:</b>				
4 Mildewstat	air dry		On hard non-porous, inanimate surfaces	