

Microbiological Efficacy Summary

Sporicidal	Test norm	Test type	Organism	Log reduction required	Log reduction achieved	Clean or Dirty	Contact time
	EN 13704	Suspension	<i>Bacillus subtilis</i>	> 3 log	> 3.12 log	Clean 1	5 min
			<i>Clostridium difficile</i>	> 3 log	> 6.45 log	Clean 1	

Mycobactericidal	Test norm	Test type	Organism	Log reduction required	Log reduction achieved	Clean or Dirty	Contact time
	EN 14348	Suspension	<i>Mycobacterium terrae</i>	> 4 log	5.40 log	Clean 1	5 min
			<i>Mycobacterium avium</i>	> 4 log	> 7.58 log	Clean 1	
	EN 14204		<i>Mycobacterium avium</i>	> 4 log	< 4.14 log	Dirty 1	
<i>Mycobacterium bovis</i>			> 4 log	> 5.11 log	Dirty 1		

Virucidal	Test norm	Test type	Organism	Log reduction required	Log reduction achieved	Clean or Dirty	Contact time
	EN 14476	Suspension	Canine Parvovirus	> 4 log	2.83 log	Dirty 2	5 min
			Feline Calicivirus	> 4 log	≥ 4.50 log	Dirty 3	2 min
			Adenovirus	> 4 log	5.50 log	Dirty 3	
			Poliovirus	> 4 log	5.17 log	Dirty 3	
			Murine Norovirus	> 4 log	4.16 ± 0.538 log	Clean 1	5 min
EN 14675	Bovine enterovirus		> 4 log	4.21 log	Dirty 1		

Fungicidal	Test norm	Test type	Organism	Log reduction required	Log reduction achieved	Clean or Dirty	Contact time
	EN 13624	Suspension	<i>Aspergillus brasillensis</i>	> 4 log	> 4.44 log	Clean 1	5 min
			<i>Candida albicans</i>	> 4 log	4.48 log	Clean 1	
			<i>Candida albicans</i>	> 4 log	4.48 log	Dirty 3	
	EN 1657		<i>Candida albicans</i>	> 4 log	> 4.33 log	Dirty 1	
			<i>Aspergillus brasillensis</i>	> 4 log	< 3.12 log	Dirty 1	
EN 13697	<i>Candida albicans</i>		> 3 log	> 3.4 log	Clean 1		

	Test norm	Test type	Organism	Log reduction required	Log reduction achieved	Clean or Dirty	Contact time
Bactericidal	EN 14561	Suspension	Multidrug-resistant <i>Acinetobacter baumannii</i> (MDRAB)	> 5 log	> 5.61 log	Clean 1	5 min
			<i>Pseudomonas aeruginosa</i>	> 5 log	> 6.37 log	Clean 1	
			<i>Staphylococcus aureus</i>	> 5 log	> 6.66 log	Clean 1	
			<i>Enterococcus hirae</i>	> 5 log	> 6.95 log	Clean 1	
	EN 1656		<i>Pseudomonas aeruginosa</i>	> 5 log	> 5.55 log	Dirty 1	
			<i>Proteus vulgaris</i>	> 5 log	> 5.49 log	Dirty 1	
			<i>Staphylococcus aureus</i>	> 5 log	> 5.19 log	Dirty 1	
			<i>Enterococcus hirae</i>	> 5 log	> 5.32 log	Dirty 1	
			<i>Streptococcus equi (strangles)</i>	> 5 log	> 5.19 log	Dirty 1	
			<i>Salmonella enterica</i>	> 5 log	> 5.36 log	Dirty 1	
			<i>Escherichia coli</i>	> 5 log	> 5.31 log	Dirty 1	
			EN13727	<i>Pseudomonas aeruginosa</i>	> 5 log	> 5.33 log	
	<i>Staphylococcus aureus</i>			> 5 log	> 5.07 log	Dirty 3	
	<i>Enterococcus hirae</i>			> 5 log	> 5.10 log	Dirty 3	
	Vancomycin-resistant <i>Enterococcus faecium</i> (VRE)			> 5 log	> 5.21 log	Clean 1	
	Multidrug-resistant <i>Acinetobacter baumannii</i> (MDRAB)			> 5 log	> 5.09 log	Clean 1	
	<i>Pseudomonas aeruginosa</i>			> 5 log	> 5.21 log	Clean 1	
	<i>Klebsiella pneumoniae</i> Carbapenemase (KPC) Enterobacteriaceae			> 5 log	> 5.26 log	Clean 1	
	EN 13697			<i>Escherichia coli</i>	> 3 log	> 4.9 log	
			<i>Pseudomonas aeruginosa</i>	> 3 log	> 4.5 log	Clean 1	

Defra approval

This disinfectant has been approved for disinfection of inanimate surfaces where an approved product is required to be used under the control legislation for the following specific disease(s) orders

Foot-and-mouth disease at the dilution rate of one part of this preparation plus 50 parts of water

Swine vesicular disease at the dilution rate of one part of this preparation plus 50 parts of water

This approval is granted under the Diseases of Animals (Approved Disinfectants) Orders made by the Secretary of State for Environment, Food and Rural Affairs in England, Scottish ministers in Scotland and Welsh ministers in Wales. For confirmation of continuing approval refer to the Defra list of approved disinfectants at <http://disinfectants.defra.gov.uk>. The contents of this container are guaranteed by the manufacturer to be of the same composition and quality as the sample submitted for approval testing.

Clean/Dirty conditions key

Clean 1: 0.3 g/L bovine albumin

Dirty 1: 3.0 g/L bovine albumin

Dirty 2: 0.6g/L bovine serum albumin, 0.3g/L sheep erythrocytes

Dirty 3: 3.0 g/L bovine albumin + 3 ml/l sheep erythrocytes



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Mkt-Mic-246-4
March 2018