

# TECHNICAL DATA SHEET



## Micronclean Alpha Sterile Disinfectant

### DESCRIPTION

A blend of quaternary ammonium compounds form this broad spectrum disinfectant, which is suitable for regular use in cleanrooms and controlled environments. The formulation has low toxicity and does not contain any hazardous aldehydes or chlorine-generating compounds. Alpha is colourless and fragrance-free. This product is filled and capped in ISO Class 5 uni-directional airflow cabinets, and packed within an ISO class 7 cleanroom. The disinfectant is filtered through a 0.2 micron filter at the point of filling and the product is gamma irradiated with a minimum dose of 25kGy.



### TECHNICAL SPECIFICATION

Sterility	Sterile
Format	Concentrate – 10 x 50ml RTU Trigger Spray – 6 x 500ml RTU Bottle– 2 x 5L
Filtration Level	0.2 micron filtered
Compatibility	ISO class 7 Cleanroom
Irradiation Standard	Gamma (25kGy)

### FEATURES

- QUAT-based Disinfectant
- Sterile (Gamma Irradiated)
- Colourless
- Fragrance-Free
- RTU and Concentrate Formats Available
- For Rotation with Micronclean Beta

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### EFFICACY DATA

Suspension Tests						
	Protocol	Organism	Contact Time	Conditions	Log Reduction to Pass	Log Reduction
<b>Phase 2 Step 1</b>	BS EN 1276	Pseudomonas aeruginosa	5 mins	Dirty	> 5.0	7.76
		Escherichia coli	5 mins	Dirty	> 5.0	7.4
		Staphylococcus aureus	5 mins	Dirty	> 5.0	7.72
		Enterococcus hirae	5 mins	Dirty	> 5.0	7.83
	BS EN 1650	Aspergillus Basiliensis	30 mins	Dirty	> 4.0	> 4.00
		Candida albicans	30 mins	Dirty	> 4.0	> 4.00
<b>Phase 2 Step 2</b>	BS EN 13697	Pseudomonas aeruginosa	5 mins	Clean	> 4.0	4.42
		Escherichia coli	5 mins	Clean	> 4.0	6.08
		Staphylococcus aureus	5 mins	Clean	> 4.0	5.04
		Enterococcus hirae	5 mins	Clean	> 4.0	4.39
		Corynebacterium diphtheriae	5 mins	Clean	> 4.0	4.99