



CleanGuard 4

DATA SHEET ALPHA TRIGGER SPRAY



PRODUCT INFORMATION

PRODUCT DESCRIPTION

- Alpha is a synergistic blend of quaternary ammonium compounds
- An effective detergent and broad spectrum disinfectant suitable for regular use in cleanrooms and controlled environments
- Validated to be rotational with Beta
- Effective against bacteria, mycobacteria and fungi
- The formulation has low toxicity and does not contain any hazardous aldehydes or chlorine generating components
- Alpha is colourless and fragrance-free
- Pre-mixed solution ensures homogenous distribution

PRODUCT FEATURES

- Trigger spray with spray / off settings
- Trigger designed for low actuation force
- Tamper resistant fastening
- HDPE bottle

- A hydrophobic ePTFE membrane, at venting preventing liquid and microbial penetration while allowing gas exchange in both directions to equalize pressure.

TECHNICAL INFORMATION

MANUFACTURING

The product is filled and capped in ISO 14644-1 Class 5 (in use) unidirectional airflow cabinets. Packaging is performed within an ISO 14644-1 Class 7 (in use) cleanroom. The disinfectant is filtered through a 0.2 micron filter at the point of fill.

DISINFECTANT SPECIFICATION

Blend of quaternary ammonium compounds.

PACKAGING

Primary packaging: natural HDPE bottle with trigger spray. Secondary packaging: double bagged in polythene pouches.

STERILISATION DETAILS

Gamma Irradiation (minimum 25kGy).

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001:2008 registered systems.

SHELF LIFE

2 years from date of manufacture.

STORAGE CONDITIONS

Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

HAZARD STATEMENT

Wear protection gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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DISINFECTANT PERFORMANCE

SUSPENSION TESTS							
	Protocol		Organism	Contact Time (mins)	Conditions	Log reduction to pass	Log reduction achieved
Suspension Tests Phase 2 Step 1	EN 1276	Bactericidal	Pseudomonas aeruginosa	5 mins	Dirty	> 5.0	7.76
			Escherichia coli	5 mins	Dirty	> 5.0	7.40
			Staphylococcus aureus	5 mins	Dirty	> 5.0	7.72
			Enterococcus hirae	5 mins	Dirty	> 5.0	7.83
	EN 1650	Fungicidal/ Yeasticidal	Aspergillus niger	30 mins	Dirty	> 4.0	> 4.00
			Candida albicans	30 mins	Dirty	> 4.0	> 4.00
Surface Tests Phase 2 Step 2	EN 13697	Bactericidal	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 diptheriae	5 mins	Clean	> 4.0	4.99

ORDERING & PACKING INFORMATION

Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
ZSAP01500	CleanGuard 4 Alpha Trigger Spray	500ml	Each	6	225 x 230 x 190mm	3.72kg