microclean
QUALITY TODAY - INNOVATION TOMORROW

PRODUCT SPECIFICATION

IMS TRIGGER SPRAY STERILE/NON-STERILE

CleanGuard 2

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Sterile and non-sterile cleanroom trigger spray containing 70% denatured alcohol and 30% water for injection.

Trigger spray designed for use in the cleanroom transfer process and the disinfection of hard surfaces.

PRODUCT FEATURES

Trigger spray with spray / off settings.

Trigger designed for low actuation force.

Tamper-evident neck fastening.

HDPE bottle.

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

TECHNICAL INFORMATION

MANUFACTURING

The product is filled and capped in a Grade B (in use) cleanroom.

Packaging is performed in a Grade C (in use) cleanroom.

The disinfectant is filtered through a 0.2 micron filter at the point of fill.

DISINFECTANT SPECIFICATION

70 v/v % IMS (Denatured alcohol Ethanol and Propan-2-ol) and Water for Injection (WFI) grade water.

Unless otherwise stated all Microncleanproduct labelling for IMS disinfectant products will refer to v/v % as this is the most accurate way of measuring alcohol and water solutions:

	v/v %	CAS No	% Tolerance	Notes
Ethanol (ethyl alcohol)	66.5	64-17-5	+/- 2.0%	@20°C
Propan-2-ol	3.5	67-63-0	+/- 2.0%	@20°C

PACKAGING

Primary packaging: natural HDPE bottle with tamper-evident trigger spray.

Secondary packaging: double bagged in polythene pouches.

STERILISATION DETAILS (if applicable)

Gamma Irradiation (minimum 25kGy)

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001 registered systems.

SHELF LIFE

2 years from date of manufacture.

STORAGE CONDITIONS

Store in cool, well ventilated area.

Keep trigger spray tightly closed.

Keep away from sources of ignition.

HAZARD STATEMENT

Safety Information can be found on the Safety Data Sheet

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PRODUCT INFORMATION

DISINFECTANT PERFORMANCE

SURFACE TESTS						
Protocol	**Organism**	**Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 13697:2015	P. aeruginosa	DSM 939	Clean	Log 4.0	> 6.57	Bactericidal
	E. coli	NCTC 10418	Clean	Log 4.0	> 6.23	Bactericidal
	S. aureus	NCTC 10788	Clean	Log 4.0	> 6.44	Bactericidal
	E. hirae	DSM 3320	Clean	Log 4.0	> 4.41	Bactericidal
Protocol	**Organism**	**Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 15 mins**	**Outcome**
BS EN 13697:2015	C. albicans	DSM 1386	Clean	Log 3.0	> 6.29	Yeasticidal

SUSPENSION TESTS						
Protocol	**Organism**	**Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 1276:2015	P. aeruginosa	DSM 939	Clean	Log 5.0	> 5.26	Bactericidal
	E. coli	NCTC 10418	Clean	Log 5.0	> 5.54	Bactericidal
	S. aureus	NCTC 10788	Clean	Log 5.0	> 5.17	Bactericidal
	E. hirae	DSM 3320	Clean	Log 5.0	> 5.17	Bactericidal
Protocol	**Organism**	**Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 15 mins**	**Outcome**
BS EN 1650:2015	C. albicans	DSM 1386	Clean	Log 4.0	> 4.26	Yeasticidal

Please note: Data shown above are just typical values.

RESIDUE ON EVAPORATION

Chemical	Parts Per Million
70% IMS (denatured alcohol) and 30% water for injection.	25

ORDERING/PACKING INFORMATION

Non-Sterile Code	Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
	ZSAL65499	IMS 500ml Trigger Spray Sterile	500ml	Each	24	445 x 370 x 245 mm	12.9 Kg
	ZSAL65950	IMS 950ml Trigger Spray Sterile	950ml	Each	15	442 x 390 x 320 mm	15.1 Kg
ZNAL65950		IMS 950ml Trigger Spray Non-Sterile	950ml	Each	15	442 x 390 x 320 mm	15.1 Kg

The above product table does not show the regional product codes for clarity. However, to ensure that product labels with the correct languages are ordered and dispatched please contact us.

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bsi ISO 9001 Quality Management Systems CERTIFIED Q 05531 | ISO 13485 Quality Management for Medical Devices CERTIFIED MD 511992 | ISO 14001 Environmental Management CERTIFIED EMS 34541 Louth | ISO 50001 Energy Management CERTIFIED ENMS 637139
NSAI Certified