



PRODUCT SPECIFICATION

IPA TRIGGER SPRAY STERILE/NON-STERILE

CleanGuard **1**

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Sterile and non-sterile cleanroom trigger spray containing 70% isopropyl 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 equalize pressure

MANUFACTURING

The product is filled and capped in ISO 14644-1 Class 5 (in use) unidirectional airflow
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

70% USP Isopropyl Alcohol / 30% USP WFI

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) sterile variant only

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

PRODUCT INFORMATION

DISINFECTANT PERFORMANCE

SUSPENSION TESTS

Protocol	Organism	Contact Time (min)	Conditions	Log reduction to pass	Log reduction
BS EN 1040	S. aureus	5 min	Dirty	Log 5.0	> 5.3
	P. aeruginosa	5 min	Dirty	Log 5.0	> 5.4
BS EN 1275	C. albicans	5 min	Dirty	Log 4.0	> 4.4
BS EN 1276	S. aureus	5 min	Clean	Log 5.0	> 5.3
	E. coli	5 min	Clean	Log 5.0	> 5.3
	P. aeruginosa	5 min	Clean	Log 5.0	> 5.4
	E. hirae	5 min	Clean	Log 5.0	> 5.3
BS EN 1650	C. albicans	5 min	Clean	Log 4.0	> 4.4

SURFACE TESTS

Protocol	Organism	Contact Time (min)	Conditions	Log reduction to pass	Log reduction
BS EN 13697	S. aureus	5 min	Clean	Log 4.0	6.0
	E. coli	5 min	Clean	Log 4.0	> 4.8
	P. aeruginosa	5 min	Clean	Log 4.0	> 4.1
	E. hirae	5 min	Clean	Log 4.0	> 5.5
	C. albicans	5 min	Clean	Log 3.0	> 4.0
	A. niger	5 min	Clean	Log 3.0	3.7

ORDERING/PACKING INFORMATION

Non-Sterile Code	Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
	ZSAL64499-A/I	IPA 500ml Trigger Spray Sterile	500ml	Each	24 x 500ml	445 x 370 x 245 mm	12.9 Kg
	ZSAL64950-A/I	IPA 950ml Trigger Spray Sterile	950ml	Each	15 x 950ml	442 x 390 x 320 mm	15.1 Kg
ZNAL64499-A/I		IPA 500ml Trigger Spray Non-sterile	500ml	Each	24 x 500ml	445 x 370 x 245 mm	12.9 Kg
ZNAL64950-A/I		IPA 950ml Trigger Spray Non-sterile	950ml	Each	15 x 950ml	442 x 390 x 320 mm	15.1 Kg