



# PRODUCT SPECIFICATION

## IMS TRIGGER SPRAY STERILE/NON-STERILE



### 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 equalize pressure.

#### 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

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

Unless otherwise stated all Micronclean product 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

## 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	Yesticidal

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	Yesticidal

**Please note:** Data shown above are just typical values.

### ORDERING/PACKING INFORMATION

Sterile Code	Non-Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
ZSAL65499		CleanGuard 2 Trigger Sprays IMS 70/30 WFI Sterile	500ml	Each	24	445 x 370 x 245 mm	12.9 Kg
ZSAL65950		CleanGuard 2 Trigger Sprays IMS 70/30 WFI Sterile	950ml	Each	15	442 x 390 x 320 mm	15.1 Kg
	ZNAL65950	CleanGuard 2 Trigger Sprays IMS 70/30 WFI 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.