microclean
QUALITY TODAY - INNOVATION TOMORROW



PRODUCT SPECIFICATION

POLYESTER POUCH WIPE STERILE AND NON-STERILE

VeriGuard 3

PRODUCT INFORMATION

PRODUCT DESCRIPTION

VeriGuard 3 is a pre-saturated Polyester wipe designed for use in high grade Cleanrooms as a hard surface wipe.

PRODUCT FEATURES

100% continuous filament pouch wipe pre-saturated with IPA 70/ 30 WFI supplied in a resealable pouch.

Each wipe is 300mm x 300mm supplied either non-folded or V-Folded to suit your requirements.

TECHNICAL INFORMATION

MANUFACTURING

The product is filled and sealed 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

Contains: 70 v/v % Propan-2-ol (#67-63-0) and WFI Water for Injection (WFI) grade water.

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

	% Tolerance	Notes
IPA 70.0% v/v	+/- 2.0%	@20°C
IPA 62.8% w/w	+/- 2.2%	@20°C

PACKAGING

Packed in cleanroom compatible pouch containing either 50 or 15 wipes.

Double Bagged (sterile only).

STERILISATION DETAILS

Gamma Irradiation (minimum 25kGy) sterile variant only.

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001.

SHELF LIFE

2 years from date of manufacture.

STORAGE CONDITIONS

Store in a cool, dry, well ventilated area and protect from direct sunlight heat and naked flames.

MATERIALS & PERFORMANCE

Performance Data			
Product Code	**Weight**	**Size**	**Thickness**
MCZNLA50N-A/I	130±10g/m²	300mm x 300mm	
MCZSLA50S-A/I	130±10g/m²	300mm x 300mm	
WNVG06030-A/I	120 + 5 gsm	300mm x 300mm	0.52±0.04mm
WSVG06030-A/I	120 + 5 gsm	300mm x 300mm	0.52±0.04mm

PRODUCT INFORMATION

DISINFECTANT PERFORMANCE

SURFACE TESTS						
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 13697:2015	S. aureus	6538	Clean	Log 4.0	> 6.62	Bactericidal
	P. aeruginosa	15442	Clean	Log 4.0	> 6.83	Bactericidal
	E. coli	10536	Clean	Log 4.0	> 6.85	Bactericidal
	E. hirae	10541	Clean	Log 4.0	> 6.66	Bactericidal
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 15 mins**	**Outcome**
BS EN 13697:2015	C. albicans	10231	Clean	Log 3.0	> 5.26	Yeasticidal
	A. brasiliensis	16404	Clean	Log 3.0	3.04	Fungicidal

WIPE & MOP SURFACE TESTS						
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 16615:2015	S. aureus	6538	Clean	Log 5.0	5.37	Bactericidal
	P. aeruginosa	15442	Clean	Log 5.0	5.29	Bactericidal
	E. hirae	10541	Clean	Log 5.0	5.41	Bactericidal

Please note: Data shown above are just typical values.

RESIDUE ON EVAPORATION

Name	Full Description	Residue on Evaporation
IPA	70 v/v % Propan-2-ol (#67-63-0) and WFI Water for Injection (WFI) grade water	25ppm

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PRODUCT INFORMATION

SURFACE EFFICACY RESULTS - CARRIER-BASED METHOD, 10-MINUTE CONTACT TIME

Organism	Strain	Req. Log Reduction	Material Log Reduction									Result
			Latex	Stainless Steel 304	Stainless Steel 316	Polyethylene	Polyurethane	EPDM	Silicone	Acrylic	Glass	
S. aureus	ATCC 6538	≥ log 3	> 3.84	> 3.91	> 3.20	> 3.84	> 4.36	> 3.88	> 3.93	> 3.11	> 3.27	Pass
P. aeruginosa	ATCC 15442	≥ log 3	> 3.68	> 3.89	> 3.87	> 3.13	> 4.16	> 3.17	> 3.33	> 3.16	> 3.25	Pass
E. coli	ATCC 11229	≥ log 3	> 4.52	> 3.90	> 3.33	> 3.86	> 4.27	> 3.17	> 3.62	> 3.15	> 3.31	Pass
E. hirae	ATCC 10541	≥ log 3	> 4.00	> 4.21	> 4.23	> 4.27	> 4.49	> 4.36	> 3.06	> 3.21	> 4.40	Pass
C. albicans	ATCC 10231	≥ log 3	> 3.11	> 3.09	> 3.11	> 3.08	> 3.06	> 3.11	> 3.09	> 3.05	> 3.04	Pass
C. albicans	ATCC 14053	≥ log 3	> 3.55	> 3.62	> 3.59	> 3.25	> 3.14	> 3.16	> 3.52	> 3.72	> 3.17	Pass
A. niger	ATCC 6275	≥ log 2*	> 2.32	> 2.42	> 2.44	> 2.31	> 2.63	> 2.50	> 2.69	> 2.54	> 2.53	Pass
M. luteus	In House	≥ log 3	> 3.13	> 3.17	> 3.87	> 4.10	> 4.19	> 4.19	> 4.02	> 3.07	> 3.36	Pass
S. epidermidis	In House	≥ log 3	> 4.30	> 3.93	> 4.14	> 4.28	> 4.18	> 4.39	> 4.72	> 3.25	> 3.89	Pass

*For this carrier test, satisfactory reduction was defined as ≥3 log for vegetative (non-sporulated) microorganisms and ≥2 log for sporulated forms.

ORDERING/PACKING INFORMATION

Non-Sterile Code	Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
MCZNLA50N		IPA Laundered Polyester Non-Folded Pouch Wipe Non-Sterile	300 x 300mm	50	5 x 50	390 x 390 x 190mm	8.0kg
	MCZSLA50S	IPA Laundered Polyester Non-Folded Pouch Wipe Sterile	300 x 300mm	50	5 x 50	390 x 390 x 190mm	8.0kg
WNVG06030		IPA Polyester V-Folded Pouch Wipe Non-Sterile	300 x 300mm	15	30 x 15	400 x 400 x 395mm	15.78kg
	WSVG06030	IPA Polyester V-Folded Pouch Wipe Sterile	300 x 300mm	15	30 x 15	400 x 400 x 395mm	15.78kg

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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