



## PRODUCT SPECIFICATION

### BETA PLUS MICROFIBRE MOP STERILE



#### PRODUCT INFORMATION

##### PRODUCT DESCRIPTION

Beta Plus is a unique broad spectrum disinfectant suitable for regular use in cleanrooms and controlled environments.

Beta Plus shows good efficacy against a range of bacteria and fungi even after irradiation.

Beta Plus is designed to be used in conjunction with Alpha Plus (rotational disinfectant) and Delta Plus (Neutral Detergent).

Beta Plus has low toxicity and does not contain any hazardous aldehydes or chlorine generating components.

Beta Plus is colourless and fragrance-free and is non-corrosive with a range of cleanroom surfaces including stainless steel, vinyl, resin, plastics, and rubber.

Beta Plus is a pre-mixed solution to ensure the correct concentration and homogeneous distribution of the active chemicals.

##### PRODUCT FEATURES

###### Materials

Mop front made from Microfibre (80% polyester + 20% polyamide).

Mop back made from 100% polyester  
2 pocket design enables hands free and secure connection to the mop frame.

Mop size 440mm x 140mm.

###### In Use

Uniformly dosed to achieve 15m<sup>2</sup> coverage eliminating the need for in cleanroom dosing or mixing.

#### TECHNICAL INFORMATION

##### MANUFACTURING

The product is dosed under ISO 14644-1 Class 5 unidirectional air flow.

Packaging is performed within an ISO 14644-1 Class 7 (in use).

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

##### PACKAGING

Primary packaging: double bagged in polythene bags.

Secondary packaging: cardboard box.

##### STERILISATION DETAILS

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 a dry, well-ventilated area in ambient conditions.

## PRODUCT INFORMATION

### DISINFECTANT PERFORMANCE

EUROPEAN STANDARDS						
Standard	Organism	Contact Time (min)	Conditions	Log reduction to pass	Log reduction	
EN 1276	Bactericidal Suspension	Pseudomonas aeruginosa	5 min	Clean	>5.0	>5.24
		Escherichia coli	5 min	Clean	>5.0	>5.29
		Staphylococcus aureus	5 min	Clean	>5.0	>5.45
		Enterococcus hirae	5 min	Clean	>5.0	>5.29
BS EN 1650	Fungicidal Suspension	Aspergillus brasiliensis	15 min	Clean	>4.0	>4.27
		Candida albicans	15 min	Clean	>4.0	>4.22
EN 13697	Bactericidal Surface	Pseudomonas aeruginosa	5 min	Clean	>4.0	>4.45
		Escherichia coli	5 min	Clean	>4.0	>6.45
		Staphylococcus aureus	5 min	Clean	>4.0	>6.84
		Enterococcus hirae	5 min	Clean	>4.0	>6.63
	Fungicidal Surface	Aspergillus brasiliensis	15 min	Clean	>3.0	>3.50
		Candida albicans	15 min	Clean	>3.0	>5.04

TGA DISINFECTANT TESTING - Performed in accordance with TGO 104, 'TGA instructions for disinfectant testing V3'						
Standard	Organism	Contact Time (min)	Conditions	Log reduction to pass	Log reduction	
EN 13727	Bactericidal Suspension	Pseudomonas aeruginosa	5 min	Clean	>5.0	>5.49
		Escherichia coli	5 min	Clean	>5.0	>5.41
		Staphylococcus aureus	5 min	Clean	>5.0	>5.19
		Proteus hauseri	5 min	Clean	>5.0	>5.52
EN 13624	Fungicidal Suspension	Aspergillus brasiliensis	15 min	Clean	>4.0	>4.12
		Candida albicans	15 min	Clean	>4.0	>4.22
EN 13697	Bactericidal Surface	Pseudomonas aeruginosa	5 min	Clean	>4.0	>7.46
		Escherichia coli	5 min	Clean	>4.0	>6.14
		Staphylococcus aureus	5 min	Clean	>4.0	>6.81
		Proteus hauseri	5 min	Clean	>4.0	>6.08
	Fungicidal Surface	Aspergillus brasiliensis	15 min	Clean	>3.0	>5.12
		Candida albicans	15 min	Clean	>3.0	>6.28

## RECYCLING INFORMATION

Component Name	Component Material	Disposal	Guidance
Mop	Microfibre (80% Polyester + 20% Polyamide) Front Side and Polyester (100% Polyester) Back Side	Non-recyclable	General Waste
Product Label	PP	Non-recyclable	General Waste
Mop Pouch	Polyester and Polyethylene blend	Non-recyclable	General Waste
Polybag	LDPE	Recyclable	Check With Local Authority, Remove Any Labels
Box	Cardboard	Recyclable	Remove Irradiation Labels
Packaging Tape	Reinforced Paper Packaging Tape	Recyclable	Leave On Cardboard Box
Box Label	Paper Based	Recyclable	Leave On Cardboard Box

## ORDERING/PACKING INFORMATION

Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
MSBMF0130	PureGuard 3 Beta Plus Individually Packed Disposable Microfibre Mop Sterile	440mm x 140mm	1	30 Packs of 1	450 x 200 x 200mm	8.5 Kg
MSBMF1003	PureGuard 3 Beta Plus Multi Packed Disposable Microfibre Mop Sterile	440mm x 140mm	10	3 Packs of 10	450 x 200 x 200mm	8 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.

