



Mikrobac[®] forte

Aldehyde free, alcohol free, excellent broad spectrum disinfectant, including antibiotic resistant microorganism strains. It has a powerful cleaning effect, very good material tolerance and is a 5th generation QAC. Passes - EN 13727, EN 13624, EN 1040, EN 1275, EN 14476.



**Aldehyde
&
Alcohol
Free**



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Product Properties

- Broad spectrum effect.
- Aldehyde free, Alcohol free
- Bactericidal, including Antibiotic Resistant Bactericidal Virucidal, and Sporistatic
- Excellent cleaning power
- Very good material compatibility

Composition

100 g concentrate contain :
Benzyl - C12 - 18 - Alkyl Dimethyl Ammonium Chlorides - 19.9g
Dodecylbispropylene Triamine - 5g
surfactants, corrosion inhibitors, antifoaming agents, excipients etc.

Areas of Application

Mikrobac® Forte is suitable for the disinfection of washable surfaces using the wet-wipe-procedure.

- for medical equipment which come under the Medical Device Directive(acc. to MDD)
- in hospitals and residential homes (acc. to BPD)
- in industrial kitchens and food- processing areas (acc. to BPD)

Proven efficacy

Bacteria and Fungi	
EN Phase 2 / Step 1 Efficacy according to EN Norm Phase 2 / Step 1 (suspension tests), tested under clean / dirty conditions	Bactericidal (EN 13727) - clean conditions Yeasticidal (EN 13624) - clean conditions - dirty conditions
EN Phase 1 / Basic tests Efficacy according to EN Phase 1 (Basic tests / suspension tests) without contamination; does not define the applicability of a product for a specific purpose	Bactericidal (EN 1040) Yeasticidal (EN 1275)
VAH Certified application recommendations for prophylactic wet-wipe disinfection from the Association for Applied Hygiene (VAH), Based on suspension and practical tests, tested under clean conditions (i.e. optically clean surfaces) / dirty conditions (i.e. visibly contaminated surfaces)	Bactericidal / Yeasticidal - clean conditions - dirty conditions
DGHM Appraised efficacy against bacteria (in accordance with the German Society of Hygiene and Microbiology (DGHM); within the certified bactericidal efficacy	Tuberculocidal (M. terrae)
Viruses	
EN Phase 2 / Step 1 Efficacy according to EN Phase 2 / Step 1 (suspension tests), tested under clean / dirty conditions	Adenovirus (EN 14476) - clean conditions - dirty conditions
Efficacy against viruses (German Society for the Control of Viral Diseases [DVV])	Virucidal against enveloped viruses (incl. HBV, HIV, HCV)
Appraised efficacy against enveloped viruses (in accordance with DVV)	SARS-CoV
Appraised efficacy against non-enveloped viruses (DVV)	Adenovirus Polyomavirus
Appraised efficacy against non-enveloped viruses (in accordance with DVV)	Rotavirus
Appraised efficacy against non-enveloped viruses (in accordance with DVV)	MNV (Noro)
Appraised efficacy against non-enveloped viruses (in accordance with EN)	- clean conditions - dirty conditions
Food Industry	
Certified Efficacy for surface disinfection in the food sector of the German Veterinary Medical Society (DVG) bactericidal and fungicidal. Based on suspension tests, tested under the conditions for the application field A	- less soiled - less soiled - heavily soiled - heavily soiled

STUDY: Surface-active surface disinfectants comprehensively active against MRGN

For the first time, a study examined alcohols, amines, oxygen-releasing agents and surface-active substances with and without the addition of aldehydes commonly used in surface disinfectant cleaners for their activity against multi-resistant Gram-negative (MRGN) bacterial species. Test organisms comprised microorganisms with different resistance profiles, including many clinical isolates of, for example, multi-drug-resistant *Serratia marcescens* and *Acinetobacter baumannii*.

The study showed that all tested groups of active ingredients, including QACs without aldehyde, virtually always achieved comprehensive activity against the tested bacterial species, irrespective of the extent of multiresistance.

Source: Reichel M, Schlicht A, Ostermeyer C, Kampf G (2014). Wirksamkeit verschiedener Flächendesinfektionsreiner gegenüber hochresistenten gram-negativen Bakterien. Presentation held at the 12th Congress of the German Association for Hospital Hygiene (DGKH), 30 March-02 April 2014, Berlin, Germany.

Research for infection protection. www.bode-science-center.com



Material compatibility

Metals : Stainless steel (V2A), aluminium, copper, brass. Plastics : Polyamide, polyethylene, polypropylene, polystyrene, polyurethane, PVC, acryl-butadiene-styrole, silicone, rubber, latex, Makrolon(R), acrylic glass, Teflon(R), Vivak(R) clear 099.

Listing

Certification / list issued by the Association for Applied Hygiene (VAH), List issued by the German Veterinary Medical Society (DVG) for Food Hygiene, CE-labelling in accordance with the Medical Device Directive (MDD), List of tested cleaning agents for ceramic tiling and cladding in swimming pools (RKI list)

Critical Areas:

All ICU's, OT's, AKD, CCU, Oncology, Cath Lab etc.

Non Critical :

OPD's, Laboratories, Dental Clinic's, Wards, Corridors, Casualties etc.

Dilution

Wet Wipe, Mopping / Terminal Cleaning Non Critical Areas

0.25% (Clean) = 2.5ml x 1 litre

0.50% (Dirty) = 5ml x 1 litre

Wet Wipe, Mopping / Terminal Cleaning Critical Areas

0.50% (Clean) = 5ml X 1 litre

1% -2% (Dirty) = 10 - 20ml x 1 litre

Fogging of Critical Areas

0.50% (Clean) = 5ml x 1 litre

1% (Dirty) = 10ml x 1 litre

Mopping (Wet Wipe) is recommended over fogging.

CDC - USA - Guidelines: 2003, 2008

"Do not perform disinfectant fogging for routine purposes in patient-care areas." Category IB, Category II.

Packing :

500 ml :

20 Bottles/Carton

5 Ltrs. :

2 Jars/Carton



Exclusively Manufactured & Marketed by:

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EC Certificate of Conformity, WHO - GMP