

# Mikrobac<sup>®</sup> forte

## Cleaning disinfection of surfaces



**Aldehyde-free cleaning disinfectant with broad spectrum of effect.  
Very good material compatibility and cleaning power.**



# Mikrobac<sup>®</sup> forte

## Product properties

- broad spectrum of effect
- aldehyde-free
- good cleaning power
- very good material compatibility

## Composition

Active ingredients: Benzyl-C12-18-alkyl-dimethyl-ammonium chlorides 199 mg/g, N-(3-amino-propyl)-N-dodecylpropane-1,3-diamine 50 mg/g.

## Microbiological activities

Bactericidal, yeasticidal, tuberculocidal, virucidal against enveloped viruses (incl. HBV, HIV, HCV), SARS, FCV, MNV, adeno-, polyoma- and rotaviruses.

## Areas of application

Mikrobac<sup>®</sup> forte is suitable for the disinfectant cleaning of washable surfaces using the wet-wipe-procedure, e.g.:

- for medical equipment which come under the Medical Device Directive
- in hospitals and residential homes
- in industrial kitchens and food-processing areas

## Directions for use

Mikrobac<sup>®</sup> forte is supplied as a concentrate. Wet completely the parts of medical devices and other washable surfaces (e.g. floors) to be disinfected with a sufficient amount of solution. Rinse cleaning equipment well with water. Always prepare the solution with cold water (max. room temperature). Contacts between aminic and aldehydic products must be avoided. Therefore – especially if work has previously been carried out with an aldehyde-containing product – before using Mikrobac<sup>®</sup> forte for the first time, carry out an intermediate cleaning. Not suitable for the disinfection of invasive medical devices.

*Use disinfectants safely. Always read the label and product information before use.*

## Material compatibility

Mikrobac<sup>®</sup> forte use-solutions were tested for their compatibility on the following materials, among others:

**Metals:** Stainless steel (V2A), aluminium, copper, brass.

**Plastics:** Polyamid, polyethylene, polypropylene, polystyrene, polyurethane, PVC, acryl-butadiene-styrole, silicone, rubber, latex, Makrolon<sup>®</sup>, acrylic glass, Teflon<sup>®</sup>.

When used correctly (wet-wipe-procedure) no material damage is to be expected.

## Dosage

Surface disinfection (wet-wipe-procedure)						
Bactericidal/Yeasticidal <sup>1)</sup> – clean conditions	2.5 ml/l	0.25 %	–	4 h		
	5.0 ml/l	0.5 %	–	1 h		
	10.0 ml/l	1.0 %	–	30 min		
	15.0 ml/l	1.5 %	–	15 min		
	20.0 ml/l	2.0 %	–	5 min		
	– dirty conditions	2.5 ml/l	0.25 %	–	4 h	
		5.0 ml/l	0.5 %	–	1 h	
		10.0 ml/l	1.0 %	–	30 min	
		15.0 ml/l	1.5 %	–	15 min	
		25.0 ml/l	2.5 %	–	5 min	
Tuberculocidal <sup>2)</sup>	20.0 ml/l	2.0 %	–	2 h		
	25.0 ml/l	2.5 %	–	1 h		
Virucidal against enveloped viruses (incl. HBV, HIV, HCV)	2.5 ml/l	0.25 %	–	30 min		
	5.0 ml/l	0.5 %	–	5 min		
SARS	5.0 ml/l	0.5 %	–	30 min		
Adenovirus	5.0 ml/l	0.5 %	–	1 h		
	10.0 ml/l	1.0 %	–	30 min		
FCV <sup>3)</sup> – without organic load	5.0 ml/l	0.5 %	–	2 h		
	10.0 ml/l	1.0 %	–	2 h		
MNV <sup>3)</sup> – clean conditions	20.0 ml/l	2.0 %	–	4 h		
	40.0 ml/l	4.0 %	–	4 h		
Polyomavirus	5.0 ml/l	0.5 %	–	2 h		
	10.0 ml/l	1.0 %	–	30 min		
Rotavirus	2.5 ml/l	0.25 %	–	5 min		
Food processing areas (Bactericidal/Fungicidal) area A <sup>3)</sup>	– less soiled – 20 °C	5.0 ml/l	0.5 %	–	1 h	
		15.0 ml/l	1.5 %	–	30 min	
	– less soiled – 10 °C	10.0 ml/l	1.0 %	–	1 h	
		20.0 ml/l	2.0 %	–	30 min	
	Food processing areas (Bactericidal/Fungicidal) area A <sup>4)</sup>	– heavily soiled – 20 °C	10.0 ml/l	1.0 %	–	1 h
			20.0 ml/l	2.0 %	–	30 min
– heavily soiled – 10 °C		20.0 ml/l	2.0 %	–	1 h	
		30.0 ml/l	3.0 %	–	30 min	
Bath tub disinfection		20.0 ml/l	2.0 %	–	3 min	

1) according to new standard methods; with mechanical action

2) quantitative suspension test

3) surrogate virus for human norovirus

4) DVG (German Veterinary Medical Society) area A = food of animal origin with the exception of milk, including industrial and other large-scale kitchen areas, area B = milk and products; effectiveness against bacteria and fungi



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## 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 (RK list).

## Chemical-physical data

### Concentrate:

pH-value approx. 8-9

### 0.5 % solution

pH-value approx. 8

Density (20 °C) approx. 1.01 g/cm<sup>3</sup>

## Presentation

20 ml sachet, 5 litre canister.

**Labelling in accordance with Directive 1999/45/EC:** C Corrosive. N Dangerous for the environment. Contains: Benzyl-C12-18-alkyldimethylammonium chlorides, N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine. Harmful if swallowed. Causes burns. Very toxic to aquatic organisms. When used correctly, the basic measures of occupational health and safety in accordance with protection level 2/§9 Hazardous Substances Ordinance (GefStoffV) should be observed. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). Avoid release to the environment. Refer to special instructions/safety data sheet. GISBAU-Code GD 40.

The recommendations regarding our preparations are based on scientific tests and are given in good faith. More detailed recommendations, e.g. regarding material compatibility, are only possible in particular cases. Our recommendations are without obligation and do not constitute a warranty. They do not preclude a company's own testing for the intended purposes and processes. In this respect we cannot accept any liability. This complies with our general conditions of sale and supply.

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