Disinfection

Bacillol® AF

Alcohol-based rapid disinfectant for disinfecting alcohol-resistant surfaces, with extensive spectrum of activity. Dries without leaving residues.



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Advantages at a glance

- ready-to-use disinfectant solution
- acts rapidly and comprehensively
- broad material compatibility with alcohol-resistant surfaces
- residue-free drying
- aldehyde-, colourant- and fragrance-free
- good wetting

Application

Bacillol AF is a ready-to-use rapid disinfectant with comprehensive spectrum of activity for alcohol-resistant surfaces and medical devices. It is suitable for areas, which require quick exposure times and residue-free drying.

Areas of application

Bacillol AF is suitable for the rapid disinfection of alcohol-resistant surfaces in the spray-wipe-procedure, e.g.:

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

Directions for use

Wipe the surfaces to be disinfected, with a sufficient amount of ready-to-use solution, ensuring complete coverage.
Do not allow disinfection solution to get inside of electrical devices. Please observe the manufacturer´s instructions. Not suitable for the disinfection of invasive medical devices.
The amount of use-solution applied must not exceed 50 ml per m^2. The total amount applied per room must not exceed 100 ml per m2 of room area.
Please follow special instructions in accordance with safety regulations for the prevention of fire and explosion caused by alcohol disinfectants issued by the professional association.

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



Recommendations on spray-wipe disinfection

Inanimate surfaces have been shown to be a major source of contamination and infection (1). To eliminate surfaces that are small and difficult to access as source of contamination and infection, the wipe disinfection is ideally complemented by a spray-wipe disinfection or spray disinfection (2, 3, 4) with an alcohol-based rapid disinfectant. In doing so, it is imperative to apply the products correctly:

- Always prefer a wipe disinfection over the spray or spray-wipe disinfection, as it prevents the formation of aerosols and ensures best possible wetting
- When spraying, wipe afterwards, if possible, to ensure complete wetting (spray-wipe disinfection)
- Limit the simple spray disinfection to areas that cannot be disinfected by using the wipe or spray-wipe procedure
- To largely exclude the risk of inhaling aerosols during the spray disinfection, apply product directly to a dry cloth or spray surfaces from a short distance
- If possible, use alcohol-based products that contain no additives, as these dry without leaving any residue
- Another alternative are alcohol-based disinfection foams that do not form any aerosols during spraying

1 Weber DJ et al. Role of hospital surfaces in the transmission of emerging healthcare-associated pathogens: Norovirus, *Clostridium difficile*, and *Acinetobacter* species. American Journal of Infection Control, 2010, 38 (5): 25-33.
2 Verbund für Angewandte Hygiene e.V. Desinfektionsmittel-Kommission. Fragen und Antworten zu Maßnahmen der Antiseptik und der chemischen Desinfektion. www.vah-online.de, 2011.
3 Berufsgenossenschaftliche Regel: „Desinfektionsarbeiten im Gesundheitsdienst" (BGR 206). www.bgw-online.de.
4 Technische Regeln für Gefahrstoffe (TRGS) 525 „Umgang mit Gefahrstoffen in Einrichtungen zur humanmedizinischen Versorgung". www.baua.de.

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

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Proven efficacy		Condition	Exposure time
Rapid disinfection following DGHM - German Society of Hygiene and Microbiology (based on suspension and practical tests)	Bactericidal / Yeasticidal activity	dirty	30 sec
	Mycobactericidal activity	dirty	30 sec
Efficacy against enveloped viruses (DVV - German Society for the Control of Viral Diseases)	Virucidal against enveloped viruses (incl. HBV, HIV, HCV)		30 sec
Bacteria and Fungi			
Efficacy according to EN Phase 2 / Step 1 (suspension tests)	Bactericidal activity (EN 13727)	dirty	15 sec
	Yeasticidal activity (EN 13624)	dirty	15 sec
	Fungicidal activity (EN 13624)	dirty	5 min
	Tuberculocidal activity (EN 14348)	dirty	30 sec
	Mycobactericidal activity (EN 14348)	dirty	30 sec
Certified application recommendations for prophylactic wet-wipe disinfection (based on suspension and practical tests of VAH - German Association for Applied Hygiene)	Bactericidal / Yeasticidal activity (VAH)	dirty	5 min
	Fungicidal activity (VAH)	dirty	5 min
	Tuberculocidal activity (VAH)	dirty	5 min
	Mycobactericidal activity (VAH)	dirty	5 min
Rapid disinfection following DGHM - German Society of Hygiene and Microbiology (based on suspension and practical tests)	Tuberculocidal activity (DGHM)	dirty	30 sec
Viruses			
Efficacy against non-enveloped viruses	Adenovirus (EN 14476)	clean / dirty	30 sec
	MNV - murine Norovirus (EN 14476)	clean / dirty	1 min
Efficacy against non-enveloped viruses (DVV - German Society for the Control of Viral Diseases)	Adenovirus (DVV)		1 min
	Polyomavirus (DVV)		10 min
	Rotavirus (DVV)		1 min
Food / Industry			
Efficacy according to EN Phase 2 / Step 2 (practical tests)	Bactericidal activity (EN 13697)	Low or high or milk (20°C)	5 min
		Low or high or milk (10°C)	5 min
		Low or high or milk (4°C)	5 min
	Yeasticidal activity (EN 13697)	Low or high or milk (20°C)	5 min
		Low or high or milk (10°C)	5 min
		Low or high or milk (4°C)	5 min
	Fungicidal activity (EN 13697)	Low or high or milk (18-25°C)	5 min

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Microbiology
Bactericidal, yeasticidal, fungicidal, tuberculocidal, mycobactericidal, virucidal against enveloped viruses (incl. HBV, HIV, HCV), MNV, Adenovirus, Polyomavirus, Rotavirus

Composition
Active ingredients: Propan-1-ol 450 mg/g, propan-2-ol 250 mg/g, ethanol 47 mg/g.

Material compatibility
Bacillol AF was tested for compatibility with many materials including:
Metals: stainless steel, aluminium, copper, brass.
Plastics: rubber, latex, polystyrene, polyamide, polyethylene (PE), polypropylene (PP), PVC, silicone, Teflon (polytetrafluorethylene), Viton® (vinylidene fluoride-hexafluoropropylene copolymers), soft rubber (butadiene rubber).
When used correctly material damage is not to be expected. Please note: Not suitable for acrylic glass and alcohol-sensitive (water soluble) lacquer. On sensitive surfaces, test for material tolerance in an inconspicuous area first.

Related products
- **Bacillol AF Tissues:** Alcohol-based rapid disinfection wipes with extensive spectrum of activity in a convenient flow pack.
- **Bacillol 30 Foam:** Material-friendly rapid disinfectant for disinfecting sensitive surfaces.
- **Bacillol 30 Tissues:** Material-friendly rapid disinfection wipes for sensitive surfaces in a convenient flow pack.
- **Mikrobac Tissues:** Alcohol-free disinfection wipes in the convenient flow pack for the cleaning disinfection of alcohol-sensitive surfaces and medical devices.

Product Presentation

Product	Content	Item no.
Bacillol® AF		
	50 ml	on request
	500 ml	on request
	1 l	on request
	5 l	on request

Please note: that the availability of products in the Bacillol range may vary in different countries and regions. Contact your local distribution partner for more information.
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 possible only in separate, individual cases. Our recommendations are not binding and do not constitute a guarantee. They do not preclude a company's own testing for the intended purpose and process. In this respect we cannot accept any liability. This is in accordance with our general conditions of sale and supply.

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