

Bacillo[®] AF

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



Bacillol® AF

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 m². 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.

Do not allow product to reach water systems undiluted.

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



Proven efficacy		Condition	Exposure time
Application recommendations for surface disinfection (based on suspension and practical tests)	Bactericidal and yeasticidal activity (EN 13727 + EN 13624 + EN 16615 ¹)	dirty	30 sec
	Fungicidal activity (EN 13624 + EN 16615 ¹)	dirty	5 min
	Tuberculocidal and mycobactericidal activity (EN 14348 + EN 16615 ¹)	dirty	1 min
Application recommendation for surface disinfection (based on suspension and practical tests)	Efficacy against non-enveloped viruses (EN 14476 + EN 16777)	dirty	1 min
	Limited spectrum virucidal activity (EN 14476 + EN 16777)	dirty	5 min

Bacteria and Fungi

Efficacy according to EN (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

Viruses

Efficacy according to EN Phase 2 / Step 2 (practical test without mechanical action)	Adenovirus (EN 16777)	clean	2 min
	Adenovirus (EN 16777)	dirty	5 min
	MNV - murine Norovirus (EN 16777)	dirty	3 min
	MVA – Modified Vacciniavirus Ankara (EN 16777)	clean / dirty	1 min
Efficacy according to EN Phase 2 / Step 1 (suspension test)	Adenovirus (EN 14476)	clean + dirty	30 sec
	MNV - murine Norovirus (EN 14476)	clean + dirty	1 min
	MVA – Modified Vacciniavirus Ankara (EN 14476)	clean + dirty	15 sec
Efficacy against non-enveloped viruses (according to DVV - German Society for the Control of Viral Diseases)	Polyomavirus (DVV)		10 min
	Rotavirus (DVV)		1 min

Food / Industry

Efficacy according to EN (based on suspension and practical tests)	Bactericidal activity (EN 1276 + EN 13697)	high (4°C, 10°C, 20°C)	1 min
	Yeasticidal activity (EN 1650 + EN 13697)	high (4°C, 10°C, 20°C)	1 min

¹ with mechanical action

Microbiology

Bactericidal, yeasticidal, fungicidal, tuberculocidal, mycobactericidal, virucidal against enveloped viruses (incl. HBV, HIV, HCV), limited spectrum virucidal activity, 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.

Manufacturer

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