

# Bacoban<sup>®</sup>

**STOP**  
up to **10**  
**Days**

Bacteria  
Fungi  
numerous  
viruses

## Longterm- Surface Disinfection



## About Bacoban

Surface disinfection with long-term effect, which lasts for up to 10 days



Humans have been creating disinfectants for millennia and of course some are more effective than others; for example we moved from vinegar to bleach (Sodium hypochlorite) both of which have served mankind very well. Over recent years we have been using alcohol, iodine and hydrogen peroxide to disinfect surfaces but the problem with these disinfectants is that they are good at disinfecting, at the point when they are wiped over a surface, but they offer no residual benefits. For example, imagine the process of disinfecting a hospital room. A person starts cleaning the surfaces on the left hand side of the room, by the time that they have reached the right hand side of the room the freshly cleaned surfaces may have been re-colonised by pathogens. This is clearly a completely unsatisfactory process. The healthcare sector needed to find a solution to this problem and the solution lay in creating a disinfectant which combined sterilisation with long term residual protection. The solution became **Bacoban®**

**Bacoban®** is a patented surface disinfectant which uses a completely new approach. It uses a semi permanent nano scale layer of  $\text{SiO}_2^2$  (better known as Liquid Glass). This layer holds within it, anti pathogen agents, which are slowly released whilst the surface is in place (up to 10 days). Not only is **\*Bacoban®** effective against bacteria but it is also effective against a wide range of pathogens including Hepatitis, Influenza, HIV, Staphylococcus aureus, Pseudomonas aeruginosa, Candida albicans .

**Bacoban®** closes the hygiene gap that arises between disinfection cycles. This allows for active infection control for an extended period. Moreover Bacoban® reduces odors caused by bacteria.

**Bacoban®** is VAH-listed and CE certified as a class 2A medical device. Whilst being tested, by renowned institutions (following the ASTM E 2180 protocol used to establish long term efficacy) not only was the long term anti bacterial effect confirmed but additional testing indicated that Bacoban creates „easy-to-clean“ surfaces, which reduces the cleaning time of the protected surfaces by approximately 50%.

**Bacoban®** is biocompatible (tested under GLP conditions according to DIN EN ISO10993-1) the Bacoban range is manufactured in Germany under the European Directive 93/42/EC and DIN 13485 - 2003MPG. **Bacoban®** can be applied to almost all surfaces including metals, ceramics, plastics, textiles etc..

\* Bacoban is effective against a very wide range of pathogens including viruses, bacteria and fungi. It is not effective against all pathogens.



# Water based | Ready-to-use

## Product

Ready-to-use disinfectant product providing long term efficacy. Does not contain Aldehyde or Phenol.

## Uses

For the disinfection of "medical" areas in accordance with Directive 93/42/EEC (Medical Devices) and all types of surfaces in hospitals, doctors practices, rehabilitation centres and retirement homes. Especially useful in areas demanding effective and long-lasting hygiene.

Particularly suitable for areas where unpleasant odours caused by micro-organisms form, such as toilets and sanitary facilities. Bacoban WB may be used in critical and sensitive areas of the pharmaceutical and cosmetic industries.

## Composition

100 g solution contains: benzalkonium chloride 0,26 g, sodium pyrithione 0,025g, polycondensates, perfume substances, purified water.



### Flow pack

50 wet wipes | wipe size 180 x 200 mm / 50g/m<sup>2</sup>  
(one wipe cleans and protects approx. 1.5m<sup>2</sup>)

Languages on pack: DE, UK, F, ES

art. no. BACDLTUE

## Microbiological effectiveness

Bacoban® DL is effective against : bacteria, fungi, viruses (hepatitis B and C, HIV, influenza including H5N1 and H1N1, rotaviruses and adenoviruses).

Effectiveness	
DIN EN 1040	5 min.
DIN EN 1275	5 min.
DIN EN 1276	5 min.
DIN EN 1650	5 min.
DIN EN 13697	5 min.

Tested in accordance with VAH guidelines  
(high organic load)



### 500 ml spray bottle

art. no. BAC500DI

Tested in accordance with VAH guidelines.

Long lasting anti-viral and anti-microbial performance. Effective for up to 10 days. Complies with ASTM E 2180 standards

UBA No: 57040031  
Biocide-reg.no.: N-34071



# Water based | Concentrate 1 : 100

## Product

Water-based surface disinfectant concentrate containing a polycondensate, a quaternary ammonium compound and sodium pyrrithione. Bacoban WB is free from aldehydes and phenol.

## Uses

For the disinfection of "medical" areas in accordance with Directive 93/42/EEC (Medical Devices) and all types of surfaces in hospitals, doctors practices, rehabilitation centres and retirement homes. Especially useful in areas demanding effective and long-lasting hygiene.

Particularly suitable for areas where unpleasant odours caused by micro-organisms form, such as toilets and sanitary facilities. Bacoban WB may be used in critical and sensitive areas of the pharmaceutical and cosmetic industries.

## Microbiological effectiveness

Bacoban® WB is effective against: bacteria, fungi, hepatitis B and C viruses, HIV, influenza virus including H5N1, rotaviruses and adenoviruses.

## Composition of product:

100 g solution contains: benzalkonium chloride 26 g, sodium pyrrithione 2.5 g, polycondensates, perfume substances, purified water..

## Physiochemical data:

Appearance: yellow, clear liquid  
 Viscosity (DIN 53211): 110 sec at 2 mm opening  
 pH value concentrate: 5.3  
 pH value 1 % solution: 7.0  
 Density: 1.04 g/cm3

## Tested in accordance with VAH guidelines (high organic load)

Effectiveness	5 min	15 min	240 min
Tested in accordance with VAH guidelines:	2%	1,5%	
Virucidal effect conforms to *RKI / DVV- guide lines; including pathogens such as HBV, HCV, HIV, influenza, BVDV and vaccinia	1%		
Rotaviruses	0,1%		
Adenoviruses, Noroviruses			2%



1000 ml bottle  
art. no. BACWB1D



5000 ml canister  
art. no. BACWB5

Effectiveness	5 min	15 min
DIN EN 1040	0,25%	
DIN EN 1275	0,25%	
DIN EN 1276	0,75%	0,5%
DIN EN 1650	0,5%	0,25%
DIN EN 13697		0,5%

UBA No: 57040031  
 Biocide reg.-no: N-28795



# Nebuliser

## Surface disinfection:

- even
- comprehensive
- reliable
- sustained effect

## Ideal for:

Hospitals  
Clinics  
Doctor's surgeries  
Laboratories  
Ambulances  
Rescue services  
Retirement homes  
Rehab centres  
Thalasso therapy centres  
Saunas

...



# Disinfectant for nebuliser

Bacoban® DL 3 % disinfection and cleaning of medical surfaces acc. Directive 93/42/EEC (medical devices) and surfaces of all kinds in clinics, doctor's surgeries, rehab centres and residential homes. Particularly suitable for use in areas in which efficient and sustained hygiene is required.

Also particularly suitable for areas in which unpleasant smells are generated by microorganisms, such as toilets and sanitary facilities.

Bacoban® DL 3 % can also be used in critical and sensitive areas in the pharmaceutical and chemical industries.

## Water-based concentrate



BACWB5

BACWB1D

Alcohol-free disinfection and cleaning of medical fixtures and other surfaces (acc. Directive 93/42/EEC, MDD)

**VAH listed**

Derived from this:

## 3 % Bacoban® DL ready-to-use solution



Ready-to-use solution for disinfection and cleaning of medical fixtures and other surfaces (acc. Directive 93/42/EEC, MDD)

**Suitable for  
Bacoban® nebuliser**

# Alcohol based | Ready-to-use



**5000 ml canister**  
art. no. BAC5000



**250ml pump spray**  
art. no. BAC500

## Product

Ready-to-use, alcohol-based surface disinfectant containing a polycondensate, a quaternary ammonium compound and sodium pyrithione. **Bacoban®** is free from aldehydes and phenol.

## Uses

For the disinfection of alcohol-resistant "medical" areas in accordance with Directive 93/42/EEC (Medical Devices) and all types of surfaces in hospitals, doctors practices, rehabilitation centres and retirement homes. Especially useful in areas demanding effective and long-lasting hygiene. Particularly suitable for areas where unpleasant odours caused by micro-organisms form, such as toilets and sanitary facilities. Bacoban may be used in critical and sensitive areas of the pharmaceutical and cosmetic industries.

## Microbiological effectiveness

**Bacoban®** is effective against: bacteria (incl. mycobacteria), fungi, hepatitis B and C viruses, HIV, influenza virus including H5N1, rotaviruses and adenoviruses.

## Composition of product:

100g solution contains: ethanol 49.4 g, isopropanol 7.1 g, benzalkonium chloride 0.71 g, sodium pyrithione 0.05 g, polycondensates, perfume substances, purified water. Contains no formaldehyde. Phenol-free.

## Physicochemical data:

Appearance: transparent liquid  
Viscosity (DIN 53211): 42 sec at 2mm opening  
pH value (mixture in water 1:1): 5  
Density: 0.89 g/cm<sup>3</sup>

## Tested in accordance with VAH guidelines (high organic load)

Effectiveness	15 sec	30 sec	1 min	5 min	15 min
Tested in accordance with VAH guidelines: bacteria and fungi				X	
Mycobacteria					X
RKI /DVV- guidelines; including pathogens such as HBV, HCV, HIV, influenza, BVDV and vaccinia		X			
Rotaviruses	X				
Adenoviruses			X		

Effectiveness	5 min	15 min
DIN EN 1040	X	
DIN EN 1275	X	
DIN EN 1276	X	
DIN EN 14348		X

## Long-lasting antimicrobial and virus-inactivating effect for up to 10 days tested according to ASTM E 2180

Biocide reg.-no.: N-23123





# Longterm shoe disinfection

Odour created as a result of perspiration occurs when bacteria (predominately Brevibacterium epidermis on feet) decompose sweat. Athletes foot is a very common skin disorder and it is often caused by pathogens such as filamentous fungi (dermatophytes) and yeast (candida)

Pedexan® provides a highly effective remedy as it...

- ✓ kills bacteria and fungi within minutes
- ✓ creates an environment in which micro-organisms are unable to survive.
- ✓ provides highly durable and long lasting protection
- ✓ effectively combats odors
- ✓ helps to prevent foot infections
- ✓ is bio-compatible



1000ml refill bottle  
art. no. PED1000A



125ml pump spray  
art. no. PED125A



## Shoe Disinfection Dispenser with spray lance

Art.No.:PEDSPEND

- ✓ for fixed, large scale application or mobile use
- ✓ Ideal for the hygienic treatment of footwear, e.g. ski boot rental, bowling alleys, hospitals, poultry plants, gyms, orthopaedic technology centres, airports, etc.

Suitable for the 1-litre refill bottle.

Simple to apply

- ✓ Spray into the shoe.
- ✓ We recommend three applications per week.
- ✓ With regular application a „cumulative“ anti-microbial effect is created. This effect can last for several weeks.



# Private Label



Wet wipes (dispensing tubs round, oval & with hinged lid, dispensing buckets and flowpacks)



Pump spray bottles made of plastic and aluminium, from 7-500ml, several bottle shapes available



Aerosols



Single/Double sachets

- **We fulfil your wishes with reasonable prices**
- **Workable MOQ's**
- **Products Made in Germany**
- **Upon request our service also includes artwork creation includes artwork creation**

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# XACTNANO