Long-term-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 SiO^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.*

further information

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, polycondenstaes, perfume substances, purified water.

Flow pack
25 wet wipes |wipe size 180 x 200 mm / 50g/m² (one wipe cleans and protects approx. 1.5m²)
Languages on pack: DE, UK, F, ES

500 ml spray bottle
Due to high demand of covid19 pack design and shape my vary

Microbiological effectiveness

Bacoban® DL *is effective against : bacteria, fungi, viruses (hepatitis B and C, HIV, influenza including H5N1and 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)

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

CE 0481

Water based | Concentrate 1 : 100

de 26 g, sodium pyrithione 2.5 g, polycond e.. sates, 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 acordance with VAH guide-lines:	*2%*	*1,5%*	
*Virucidal effect conforms to *RKI / DVV- guide lines; including patho-gens such as HBV, HCV, HIV, influenza, BVDV and vaccinia*	*1%*		
Rotaviruses	*0,1%*		
Adenoviruses, Noroviruses			*2%*

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 EN13697		*0,5%*

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

CE 0481