

# What is Bacoban

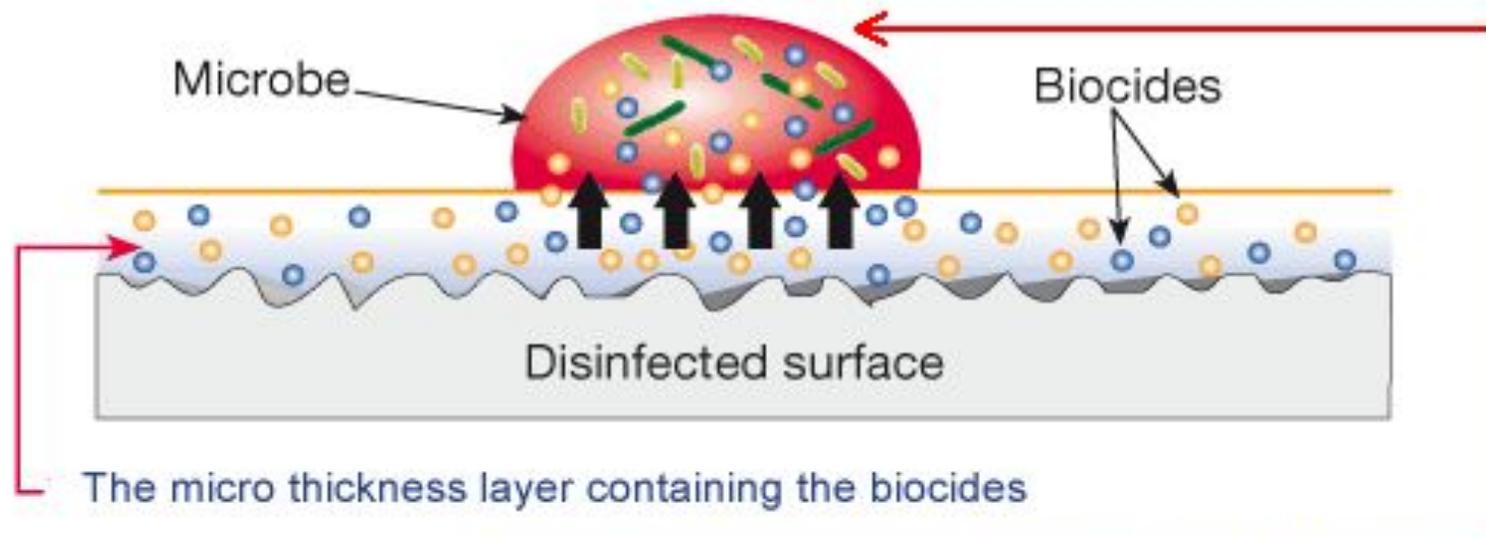


- Bacoban has unique properties that achieve efficient advanced long-term biocidal infection control, closing the “hygiene gap” of traditional disinfectant and antibacterial products. Safeguarding areas for up to 10 days, it creates a micro layer to protect surfaces from infectious viruses, bacteria and fungi.
- Bacoban kills and protects against an extensive list of viruses including salmonella, E-coli, influenza viruses such as H5N1, hepatitis B and C, MRSA, C-Diff and Norovirus. It also kills and protects against fungal Cryptococcus and Corona Virus
- Products
  - Bacoban WB is a concentrate that when mixed with tap water provides a ready to use product.
  - Bacoban DL is a ready to use product that is diluted with de-ionised water.
  - Bacoban Wet Wipes are made from DL and WB formulas. These wipes mirror the abilities of the liquid products. They provide a quick and convenient method for cleaning surfaces.
- Bacoban is produced in Germany and sold in 52 countries. For the first time it is now being introduced to the UK. It is fully certified for use in hospitals and clinics.

# How does Bacoban work?



Bacoban uses a micro layer to provide an antimicrobial biocide which with just one application kills pathogens, viruses and bacteria and fungi for up to 10 days.



The micro thickness layer containing the biocides

All microbes are encased in a water shell. When settling on the Bacoban protective layer, this water shell causes the biocide release thus quickly killing the microbe.

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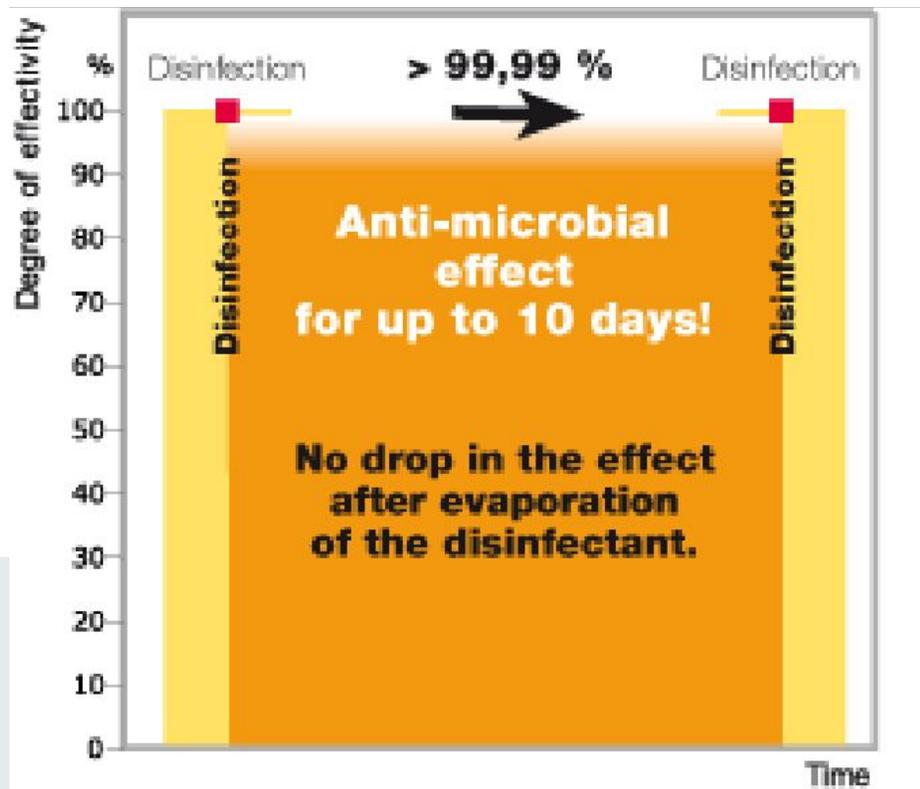


Long-term antibacterial effect: up to 10 days!			
Time between applications with Bacoban and the depositing of the micro-organism on the surface	3 days	5 days	10 days
 Escherichia Coli	> 99,997 %*	> 99,994 %	> 99,996 %
 Pseudomonas aeruginosa	> 99,996 %	> 99,995 %	> 99,997 %
 Staphylococcus aureus	> 99,997 %	> 99,996 %	> 99,995 %
 Candida albicans	> 99,997 %	> 99,992 %	> 99,997 %
 Aspergillus niger	> 99,995 %	> 99,992 %	> 99,837 %

# How does Bacoban work?



## Bacoban unaffected by evaporation



Usual disinfectants **rapidly lose** their kill ability when the fluid carrying the disinfectant compound evaporates, causing the disinfectant compound to end its biocidal action. This usually happens within 30 minutes of application allowing bacteria to re-populate the cleaned surface.

As the chart shows, there is negligible effect on Bacoban's biocidal action over the 10 days period. However, where critical high infection risk areas, a 7-day re-application period ensures maximum biocidal effect.

# FAQS



- How does Bacoban work?
  - Bacoban uses a micro layer to provide an antimicrobial biocide which with just one application kills pathogens, viruses and bacteria and fungi for up to 10 days.
- Is Bacoban more expensive than traditional disinfectants?
  - No, it is not more expensive. However, it provides better value and protection. Bacoban is about prevention, not cure. It saves money by preventing cross infection and further infection which could free up staff time and reduces sick leave.
  - Among the many viruses it kills are **salmonella, E-coli, influenza viruses including H5N1, hepatitis B and C, MRSA, C-Diff and Norovirus**. It has also been tested to be effective against **CoronaVirus**
- How is it different from other disinfectants?
  - Unlike other disinfectants, Bacoban provides a long term disinfection. Normal disinfectant which have biocidal action lasting under 1 hour. Unless this disinfectant is applied every hour, bacteria re-establishes. It is clinically proven to protect against 225 known viruses, bacteria and fungi.
- What is “the hygiene gap”
  - Normal disinfectant has a biocidal action lasting under 1 hour. Unless this disinfectant is applied every hour, bacteria re-establishes. Therefore, the time between disinfections over 1 hour apart is “**the hygiene gap**”.
- Can it be used in operating theatres and hospital machines?
  - It is safe to use on all types of machinery with a damp cloth or a wipe. It can be used to clean down equipment with a cloth or wipe, or if all electrical equipment is removed, you can use it to disinfect the whole room.
- Is it dangerous on skin and is it good for the environment?
- **Is it good for the environment?**
  - Bacoban is environmentally friendly, as it keeps the biocidal chemicals contained within the micro-layer – greatly reducing the volume of disinfectant used.
  - Bacoban WB is most effective at just 1% – meaning **only ONE LITRE of Bacoban concentrate is needed per 99 litres of water**.