

# IMPAGUARD GCA ANTIVIR

**IMPAGUARD**  
antibacterial nano 

**Long-term antiviral  
and antibacterial  
protection with  
certificates from the  
state health institute  
of the Czech  
Republic and EU**



**Nanopolymer antibacterial and antiviral protection prevents the life of bacteria, viruses /including coated CORONA VIRUS/, mold, yeast and other harmful microorganisms for 120 days. Abrasion resistant layer protects the treated surface from water, pollution and formation calcium and mineral deposits.**



**The use of IG GCA ANTIVIR is in public transport (public transport, trains, buses, planes, ships), services, shopping and sports centers, hotels, offices, restaurants, wellness centers and in all industries, including food, medical and military industries.**

with ANTIBACTERIAL EFFICIENCY CERTIFICATE for 120 DAYS from the State Institute of Public Health of the Czech Republic number EX 191477

with ANTI-VIRUS EFFICIENCY CERTIFICATE from the Health Institute of the Czech Republic number ZU / 08626/2020.

with FOOD CONTACT CERTIFICATE from EU NRL Network of National Reference Laboratories FOOD CONTACT MATERIALS and the State Institute of Public Health of the Czech Republic number SZÚ 428712019, Ex 191503.



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## ➔ Enveloped virus Vaccinia virus, strain Modified Vaccinia Ankara

Representative of Vaccinia virus, strain Modified Vaccinia virus Ankara (MVA) is a large, complex enveloped virus belonging to poxvirus families. Used for virocity testing.

## ➔ Candida albicans CCM 8215 87,8% reduction (Yeast)

A type of yeast which sometimes causes oral and genital fungal infections in humans. This mycosis is particularly a common cause of disease and death in individuals with reduced immunity. If the defense system is weakened, fungal infection spreads to the whole organism and attacks internal organs. In this state of weakness, harmless yeast becomes an aggressive and dangerous parasitic fungus. In the initial phase, the infection is hidden under the mask of other diseases, which the medical science considers separate diseases. The symptoms may have considerably different forms and not all of them can be mentioned here.

## ➔ Escherichia coli CCM 4517 99,9% reduction (Bacterium)

A pathogenic bacterium which is highly resistant and in humid environments, it remains vital for a relatively long time. If the organism is weakened, it can cause both acute and chronic inflammatory processes. These bacteria can be found in raw or undercooked meat, unpasteurized milk and dairy products, raw vegetables and unpasteurized apple juice. It survives even if the food is stored in chilled or frozen state.

## ➔ Salmonella typhimurium C-17-1605 99,7% reduction

The most important human diseases caused by salmonella include typhoid fever, paratyphoid fever and salmonellosis caused by contaminated food. After the consumption of contaminated food, salmonella bacteria get into the small intestine, where they multiply while releasing toxic substances that invade the lymphatic system and blood stream.

## ➔ Streptococcus pyogenes CNCTC 7155 99,7% reduction

It is primarily pathogenic to humans and humans are the only natural source of infection. It is the causative agent of respiratory, skin, and systemic infections, and the cause of post-streptococcal sterile consequences. Streptococcal infections are mostly treated with antibiotics, but they too increase their resistance to them.

## ➔ Staphylococcus aureus CCM 4516 99,6% reduction

**Antibiotic-resistant, also known as a hospital bacterium or MRSA.**

Bacteria are a serious problem in both the healthcare and food industries. The main risks are high resistance to antimicrobial agents, cleansers and disinfectants and the possibility of the resistance genes transfer among the biofilm cells. Food may be contaminated with *S. aureus* originating from animals, the environment or humans during the production process, particularly by working tools and workers.



**IMPAGUARD GCA ANTIVIR** thanks to its composition significantly reduces maintenance costs and bactericidal cleaning in the form of protection and thus there is a significant reduction in frequency subsequent cleaning and labor costs.

Provides highly effective antibacterial / antiviral and economical protection on incriminated surfaces - handles, railings, sanitary facilities, working areas, etc.

**IMPAGUARD GCA ANTIVIR application:**  
Carefully degrease the contaminated surface with the product

**GCA QUICKDEG**, apply to surface, leave for about 1-2 minutes and wipe dry.

On a new surface is applied directly.

Apply **GCA ANTIVIR** with a sponge evenly on the surface / surface must not be hot or wet / crosswise, in the manner of long movements so that none place is omitted. Then let it dry. We recommend applying two coats, the second layer only after the first layer has completely dried (approx. 15min.).



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