



IMMUNMEX[®]

www.immunmex.com

THE NEW GENERATION OF DISINFECTION

**Innovative, antimicrobial disinfectant solutions
with silver ion technology**



ABOUT OUR COMPANY

ImmunMex S. A. is a rapidly developing company in the Riviera Maya and the exclusive trading partner of Immunetec Proof Ltd. in Mexico.

Immunetec Proof Ltd. is a Hungarian company and is one of the outstanding examples of innovative product development in Hungary. The company developed a hand, textile and surface sanitizer that provides long-term protection against fungi, bacteria and viruses based on a unique technology.

The bestselling N°1 product is our skin protective cream, which was certified by the National Public Health Center in the EU, specifying the antimicrobial spectrum in its decree, which indicates that it has an inhibiting effect on the reproduction of bacteria and fungi and a selective viral inactivation effect (H1N1, Norovirus, COVID-19).

The business success in Europe is clearly shown by the growing trust of our clients, particularly that of Magyar Posta Zrt. (Hungarian Postal Services PLC), Hungarian State Railways' Hospital and Clinic, Thália Theatre of Budapest, Allianz Hungária PLC., EGIS Pharma PLC, WELLIS Hungary PLC, the Procter & Gamble Company and numerous other hospitals, cinemas, sport centers and hotels in Hungary. Besides the Hungarian market we have been distributing our products to Poland and Italy with further negotiations in the pipeline for additional expansion.

With the cooperation of ImmunMex, the Immunetec products are now becoming available for the Riviera Maya region. In the current epidemiological situation these products will mean an innovative and long-lasting solution for viruses and bacteria - but also provide an answer to the evergreen question of mold in the region.



ANTIMICROBIAL HAND AND SKIN CARE
PROTECTION AGAINST BACTERIA VIRUSES FUNGI*

- LONG LASTING PROTECTIVE LAYER
- CLINICALLY TESTED • MOISTURIZES
- ALCOHOL-FREE • HYPOALLERGENIC

50 ml

NNK license number: 54828-3/2019/JIF
PATENT PENDING



IMMUNETEC®

ANTIMICROBIAL
DISINFECTANT FABRIC SPRAY
AGAINST GERMS AND ODORS



ANTIMICROBIAL SPECTRUM
PROTECTING SHIELD AGAINST
BACTERIA VIRUSES FUNGI AND ODORS

- LONG LASTING PROTECTIVE COATING
- CONTINUOUSLY KILLS GERMS UNTIL NEXT 3-4 WASHES • CLINICALLY TESTED
- ALCOHOL-FREE • HYPOALLERGENIC
- FRAGRANCE-FREE

ISO 22196 certified
NNK license number: 12969-2/2020/JIF



IMMUNETEC®

SURFACE COATING
Sanitizing Spray

All purpose

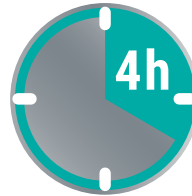


- ✓ Long lasting protective shield
- ✓ Kills 99.9% of tested bacteria, fungi, viruses*
- ✓ Alcohol-free

NNK license number: 48676-2/2020/JIF

ANTIMICROBIAL HAND AND SKIN CARE CREAM

The Immunetec Hand and Skin Protective Cream is a unique product on the Hungarian market: thanks to the slow, controlled release of silver ions, it eliminates 99.9% of bacteria, viruses and fungi, providing continuous protection even after use, when the skin is continuously re-exposed as it prevents the spread of pathogen.



Long-lasting protection against bacteria, fungi and viruses: up to 4-5 hour protection. There's no need to re-use the product after every single contact with the contaminated surface.

Cost-effective: 1 tube can last for 1 month. Costs are 30% less than purchasing alcohol-based disinfectants.*

Dermatologically tested: doesn't cause dryness and is suitable for sensitive skin prone to flushing.

Environmentally-friendly: Produces 90% less waste compared to rubber gloves and alcohol-based disinfectants.

Easy to use: Apply a small amount on your hands! Spread the cream evenly across the surface until fully absorbed and enjoy its guaranteed disinfectant effect!

* calculated with 10 uses per day at a market price of 2 EUR/100 ml.

Immunetec has been unique tested and registered as an alcohol-free hand sanitizer by the **National Public Health Center** pursuant to the EN 14885 **European Standard** for chemical disinfectants and antiseptics.

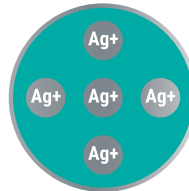
The research of **Utah State University Institute for Antiviral Research** has supported that the cream is **effective against the coronavirus**.

NNK Permit number: 24812-2/2020/JIF



ANTIMICROBIAL DISINFECTANT FABRIC SPRAY

Mainly applicable on fabrics in order to prevent the spread of unpleasant odours, as well as bacteria, viruses and fungi (e.g. influenza virus, H1N1, NOROVIRUS). From the moment it's applied on the fabric, it starts counteracting pathogen, eliminating them and preventing their further spread.



Long-lasting protection: Successfully takes effect even after 3-4 washes. 1 bottle is enough to treat 60 square metres.*

Reliable: clinically-proven effectiveness. Hypoallergenic, alcohol and chlorine-free.

Forms an effective protective film: the pathogens coming into contact with the treated surface are continuously deactivated from the very first second.

Fully applicable: thanks to its superb and long-term effectiveness, it can be applied in numerous fields, including healthcare, in sporting facilities, home or work environments. It's also a perfectly safe choice for disinfecting facemasks.

Easy to use: Clean the fabric surface to be treated in advance, when necessary! Shake well before use and evenly apply the spray! In order to ensure the maximum effect, make sure not to leave any untreated surfaces. Wait until the fabric is dry!

* Based on the manufacturer's measurements.



Thanks to its active agent content, the Disinfectant Fabric Spray complies with the biocidal requirements of both the Biocidal Products Regulation (BPR), the **European Union product testing authority** and the Environmental Protection Agency (EPA), the **American conservation authority**.

NNK Permit number: 48676-2/2020/JIF



COATING DISINFECTANT SPRAY

As traditional cleaning and disinfectant procedures yield no long-term effect, they must be repeated again and again in order to maintain a suitable level of hygiene. The Coating Disinfectant Spray provides a way to deal with this issue. As the final step of the cleaning process, the product creates an antimicrobial protective film on the surfaces that can destroy the pathogen it comes into contact with.



Continuous protection: between 2 cleaning procedures, the product deactivates pathogen on the treated surface.

Practically unnoticeable antimicrobial coating: the product creates a film with a light matte sheen that provides protection against bacteria, fungi and viruses (lipid-enveloped and non-enveloped viruses-H1N1, Norovirus, mould*).

User-friendly formula: alcohol and fragrance free. The product clings to the treated surface and thanks to its silver ion content, it continuously deactivates the pathogen on the surface even several days after its application.**

Economical solution: 1 bottle is enough to treat 60 square metres.***

Easy to use: Apply the Coating Disinfectant Spray on a micro-fibre cloth or directly on the cleaned surface and evenly spread the disinfectant on the surface!

*Contact times: 30 sec: Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Listeria monocytogenes, HIV Type 1 – Strain HTLVIII B 1 minute: Herpes Simplex Type, VR-733 F(1) Strain Influenza VRE, MRSA, Escherichia coli O157: H7 10 minutes Trichophyton mentagrophytes (athlete's foot), Influenza A VR-544 Hong Kong Strain, Rhinovirus R37 VR-1147, Strain 151-1

**Laboratory results prove that there was no substantive amount of microbes on the treated surfaces, without cleaning, even 1 week subsequent to application.

*** Based on the manufacturer's measurements.



NNK Permit number: 48676-2/2020/JIF

Fields of application



LONG-TERM SURFACE PROTECTION **COMING SOON!!!**

The **Immunetec AFV-365** coating lacquer is a universal, abrasion-resistant, fast-drying, disinfecting coating based on silver ion technology that **provides long-term (1 year) protection against bacteria, fungi and viruses.**

What surfaces can it be applied on?

Immunetec AFV-365 can provide antimicrobial protection on **walls, wood, metal, hard plastic, tiles, EPS polystyrol, dispersion painted, latex and enamelled surfaces.** Thanks to its superb vapour permeability, it can also be utilised on regular and glass textile wallpapers. Thanks to our latest developments, rubber-based flexible surfaces can now be treated.

With the Immunetec AFV and Immunetec Antimicrobial Disinfectant Fabric Spray, all surfaces can be treated, thus providing long-term protection against viruses, fungi and bacteria.



What you need to know about AFV-365

- The smooth, aesthetically appealing, heavy duty and abrasion resistant coating has a satin sheen.
- The unique coating is resistant against diluted acids and bases used in households as well as generally used detergents and disinfectants.
- Thanks to its superb abrasion resistance it is a class I, mid-range product. (3.1 micron wear/200 cycles)

Immunetec AFV-365 is the perfect solution for surfaces with possible microbial contamination. The product contains NO nano materials, making it perfectly safe to use.

Antimicrobial effectiveness: > 99.9 % - ISO MOD 22196

IMMUNETEC TECHNOLOGY

Immunetec products are strictly controlled disinfectants examined and certified by the National Public Health Center, which can reduce the amount of pathogens on the treated surface by 99.9%.

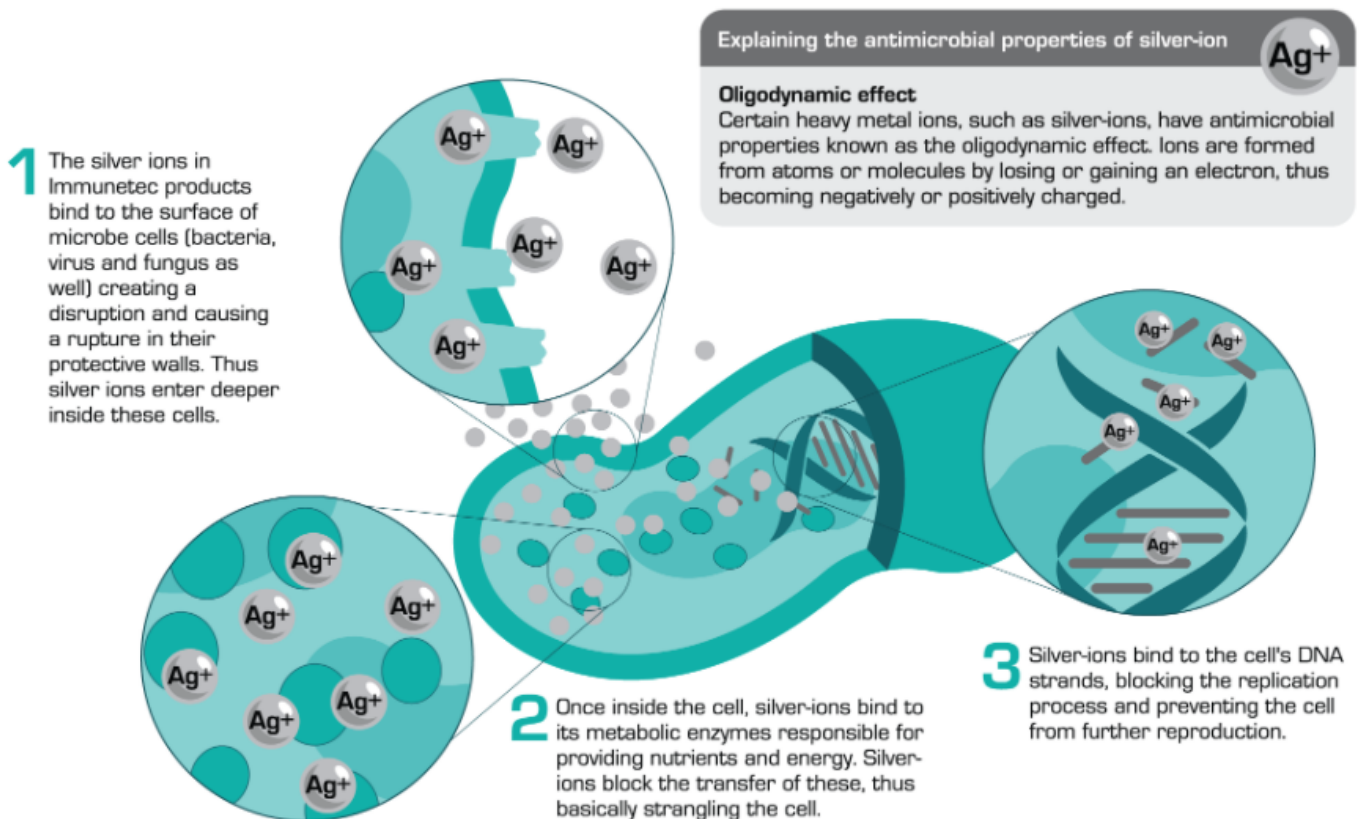
The use of our products creates a film based on silver ion technology that provides long-term protection against bacteria, fungi and viruses. Thanks to the protective film, the pathogens that come into contact with the surface are continuously eliminated.

The success of the technology is based on silver, applied in an unconventional form. Nano silver particles are found in many products with a scientifically proven harmful effect. However, the active agents of Immunetec products have no harmful effect on human health as they do not contain nanoparticles.

HOW DOES THE IMMUNETEC SILVER ION TECHNOLOGY WORK?

As opposed to the short-term application of chlorine, quaternary ammonium compounds and peroxide additives, the Immunetec technology has a long-lasting effect on the skin and treated surfaces. Silver ion is their main component, which is responsible for the products' antimicrobial properties.

Thanks to the so-called Van der Waals force, the silver particles are bound to the titanium dioxide used in our products, making the silver particles large in size and non-absorbent. Thanks to the unique composition of Immunetec disinfectants, our products aren't absorbed and instead, form a protective film on the surface. The silver particles are integrated into this protective film.



According to several academic studies silver-ion is - as opposed to silver particles - the effective one when it comes to antimicrobial properties.

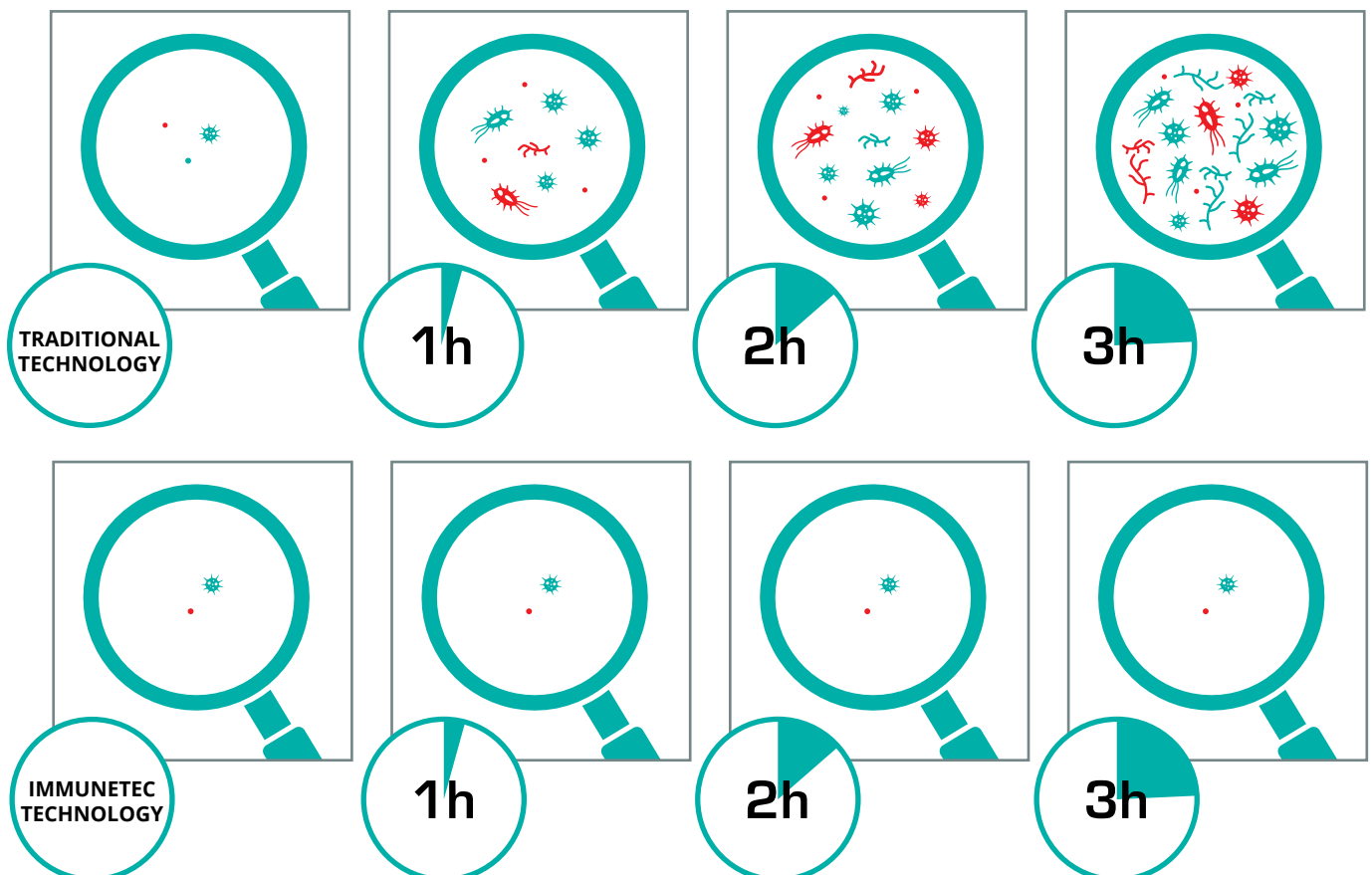
The silver ions found in the products become bound to the pathogen cells, damaging their cell walls and breaking them up, thus providing access for the silver ions to the inside of the pathogen cells. Once they penetrate the pathogen, the silver ions block the enzymes responsible for cellular metabolism, thus ruining their supply of energy and nutrients. This practically shuts down the metabolism of the pathogen cells and destroys them. The silver ions become bound to the strands of DNA, disrupting the replication process and hindering the further reproduction of the pathogen cells.

The following is a list of the wide range of pathogen and the time required for their deactivation that are successfully countered with the use of Immunetec disinfectants:

- **30 sec:** Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Listeria monocytogenes, HIV Type 1 – Strain HTLVIIIB
- **60 sec:** Herpes Simplex Type, VR-733 F(1) Strain Influenza
- **120 sec:** VRE, MRSA, Escherichia coli 0157:H7
- **10 min:** Trichophyton mentagrophytes (athlete's foot), Influenza A VR-544 Hong Kong Strain, Rhinovirus R37 VR-1147, Strain 151-1

All microbiological tests were conducted at the independent laboratory of Industrial Microbiological Services Limited and the Administrative Department of the National Public Health Center to certify antimicrobial effectiveness.

Thanks to the Immunetec active antimicrobial properties, the pathogens coming into contact with the treated surface are continuously deactivated. The active agents in the product as antimicrobial additive are not dissolved or washed out of the product, ensuring its continuous disinfectant effect. Therefore, there's no need to re-use the product after every single touch or contact with the surface.





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