

Healthy people.
Healthy planet.



SaniD♥FENZ

A Quantum Sanitizer



Leading-edge
“Mechanical”
Attack

Lasts
8 Hours
on skin

30 days
on surfaces

99.9999%
Germ-Killing
Effectiveness

Alcohol-free,
Non-drying,
Gentle to the skin

Viruses
cannot
develop
resistance

Clinically proven 8 hour on-skin protection.
30+ day effectiveness on surfaces.

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“Supreme excellence consists in breaking the enemy’s resistance without fighting ...To win victory we must ... make the enemy blind and deaf by sealing his eyes and ears and to make enemy commanders lose their heads by causing bewilderment and confusion.”

- Sun Tzu, 5th Century.

Make no mistake, the world is at war. Although the enemy is a virus, just as in any war, different strategies and tactics are needed to combat it.

To date, in terms of sanitation and disinfection, the only strategy employed has been chemical. Harsh chemicals applied to surfaces and the skin render pathogens dead by poisoning them. This is a straight battlefield approach: Hit an armed enemy with bigger weapons.

However, while temporarily effective, bacteria and viruses, being part of the natural world, have an uncanny ability to quickly adapt and evolve immunity against even the toughest chemical poisons we throw at them. And every time we attempt to poison the pathogens, we, to some degree, poison ourselves. There is no avoiding the shrapnel of our own attacks.

N2N, a partner of Sani Inc. ventures, has developed an entirely new approach to disinfection. SaniDFenz stops infection before it can even start.

Every living thing on the planet is comprised of cells. Whether a single-celled organism or a multicellular organism made of many cells, cellular life survives through communication. Each tiny cell communicates to all the other cells to act collectively. Animal cells send out hormonal messages via a single shared circulatory system, while neurons transmit electrical messages from cell to cell. Single-cell bacterial organisms are far from being solitary creatures and communicate with a vast array of chemical signals to coordinate population- and community-level behaviors.

Viruses work by sending their own signals to cellular hosts

requesting permission to enter. Viruses are master communicators, shuttling messages from one cell to another. And while different viruses carry different messages on how to wreak havoc on their host, all viruses carry the message “copy me,” putting the host cell to work churning out more viruses.

SaniDFenz works by cutting all communications. Bacteria cannot communicate and create a colony. Viruses cannot knock on the front door. In the SaniDFenz environment a single bacterial cell will wither in isolation and viruses won’t be able to make their living.

In the wake of the first global pandemic to overtake humanity in a century, the modern life we enjoyed before covid-19 will only be possible once again with consistent and constant application of disinfectants and sanitizers.

SaniDFenz works by cutting all communication. Bacteria cannot communicate and create a colony. Viruses cannot knock on the front door. In the SaniDFenz environment a single bacterial cell will wither in isolation and viruses won’t be able to replicate.

Our ability to work, go to school, shop, travel, go to a restaurant, enjoy a park, attend a concert, celebrate a wedding, or even simply visit friends and family will require an integral regimen of disinfection.

A healthy return to daily life will require a vigilant culture of heightened sanitation.

We now live in an age when one person coughing in an airport terminal might halt air travel around the world. A passenger sneezing on a bus might shutter factories. This is our shared new normal. Sanitation is our new shared responsibility. SaniDFenz is a key to unlock the life we once



knew. Applied in schools, nursing homes, preschools, airplanes, airports, hotels and restaurants, we might just be able to once again enjoy a concert and allow the grandchildren to hug their grandparents. We might just get back in touch.

SaniDFenz is a category killer. A brand new technology in the war against Covid-19.

• **SaniDFenz lasts:** SaniDFenz applied to the skin is like an “invisible glove”. It keeps working until you wash it off. On the skin, it lasts 8 hours or longer. On surfaces, it deactivates pathogens for up to 30 days.

• **SaniDFenz is non-toxic, non-caustic, food-safe:** SaniDFenz is colorless, odorless and can be used on all kinds of surfaces. Spray it on upholstery, carpets and clothing to keep those things germ free for weeks. Unlike traditional disinfecting chemicals, SaniDFenz is safe for use in food environments.

• **SaniDFenz is tough on germs, but gentle on the skin:** That cool sensation when using alcohol-based sanitizers is the feeling of alcohol evaporating from the skin. Evaporation dries out the skin and leaves your hands more prone to tiny cracks and lesions that germs like to enter. SaniDFenz has no drying effect and behaves much like water on the skin.

• **SaniDFenz is not subject to resistance:** Communication is key to a pathogen’s ability to evolve and mutate into a new form. Jamming the pathogen’s signals works on a different level than chemical poisoning. Bacteria cannot evolve an immunity to this function, thus creating no “super bugs”.

Safe and effective. Use SaniDFenz:

On public transportation and airlines

In Airports, hotels, and restaurants

In schools, preschools and universities

In sports arenas, entertainment and concert venues and amusement parks

On cruise ships

In nursing homes and assisted living centers

Spray on carpets, upholstery, porous and non-porous surfaces.

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SaniD FENZ

What SaniDFenz does:

- **SaniDFenz deactivates killer viruses:** SaniDFenz creates an invisible protective coating on any surface and prevents contamination of materials. For example, surgical screws and implants dipped in SaniDFenz and then exposed to MRSA developed **near zero contamination** after overnight incubation.
- **Kills germs in both clean and dirty environments:** Testing reveals that SaniDFenz brings down the level of germs by a factor of 10,000,000 (7 Log reduction) in both clean and dirty conditions.
- **SaniDFenz tackles the biggest enemies to human health on a quantum scale:** To fight this battle, we need to get down to this enemy's level—the quantum level. SaniDFenz has been tested against some of the nastiest germs to plague human health and lowered their number 100,000 fold to 10,000,000 fold on surfaces and textiles within minutes – **and kept them off for weeks.**
- **Protects for at least 8 hours on the skin:** The germ-killing effect of SaniDFenz lasts until it is washed off. It has a 99.999999% kill rate for viruses, including Covid-19.

Staphylococcus and the MRSA Super Bug - Methicillin-resistant Staphylococcus aureus (MRSA) infection is caused by a type of staph bacteria that's become resistant to many of the antibiotics used to treat ordinary staph infections. SaniDefenz results in near-zero contamination.

Pseudomonas aeruginosa - Causes nosocomial infections such as pneumonia, urinary tract infections (UTIs), and bacteremia. Pseudomonal infections are complicated and can be life threatening. SaniDFenz reduces contamination by a factor of 10 million.

Campylobacter jejuni - The most common bacterial infections in humans, often a foodborne illness. It produces an inflammatory, sometimes bloody, diarrhea or dysentery syndrome, mostly including cramps, fever and pain. SaniDFenz reduces contamination on surfaces by a factor of 100,000. SaniDFenz is safe for use on food preparation surfaces.

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What SaniDFenz does not:

• **SaniDFenz does not harm people:** SaniDFenz operates on quite a different level. It works on a quantum level to simply render pathogens dead. The product is chemically inert and, when used as a hand sanitizer, surface disinfectant or a laundry product, is harmless to humans.

• **SaniDFenz does not contain biocides:** Instead of chemically destroying cells, SaniDFenz stops microorganisms from proliferating and germs die in isolation.

• **SaniDFenz does not smell:** Completely odorless and colorless, SaniDFenz protects without caustic odors and fumes.

• **SaniDFenz does not stain:** SaniDFenz is safe to use on textiles, such as carpets and upholstery, without causing stains. Be sure to test fabrics for colorfastness before applying.

SaniDFenz incorporated into textiles maintains effectiveness after **50 washings** or more (depending on the fiber).

