MICROSURE

Protectant Technology

A new surface protectant technology enhances existing infection prevention measures in a health care setting.

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Making every space a safe place

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Protectant Technology

Continuously protecting

against harmful pathogens that cause disease

Existing Sanitisation Protocal

Sanitise

Surfaces **are not protected** between routine cleaning and disinfection.

Application of microsure

Sanitise

Surfaces are being protected between routine cleaning and disinfection.

MICROSURE

Antimicrobial Protection

"Founded on clinical expertise"

Originally developed for coating surgical implants, microsure is the unique result of a 15-year-long research and development process by our group of experts in the field of material science and biotechnology. microsure now delivers a new standard in continuous antimicrobial protection a ross multiple diverse surfaces.

Use on both hard & soft surfaces

* For hight touch objects treat every 2 weeks
* For medium touch objects treat every 4 weeks
* For all other areas treat quarterly

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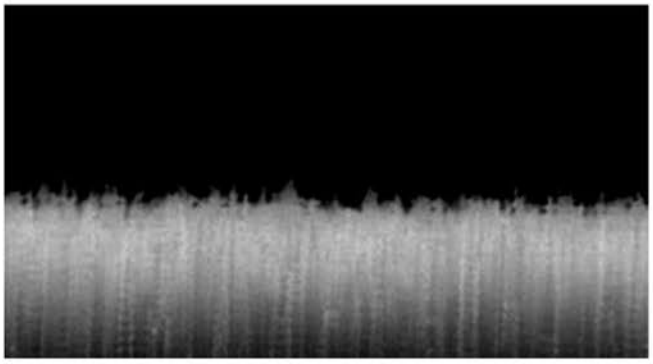
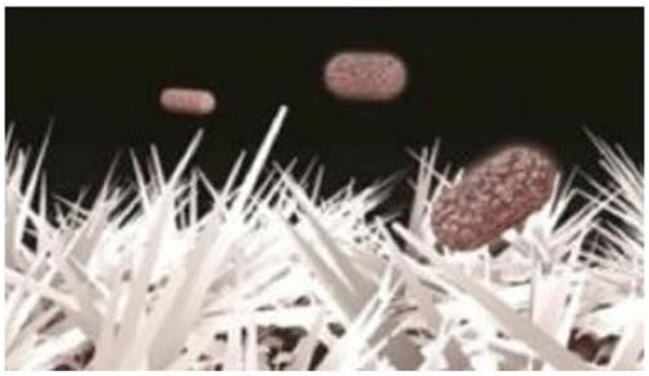
Technology overview

A New surface hostile to pathogens

The image below is of a microsure taken using a high-powered electron microscope.The photos show our microscopic silicon dioxide particles, which create a microcrystalline-like structure.
These structures covalently bond to the targeted surface, creating a new protective barrier.
If harmful pathogens contact the new microsure surface, it immediately and continuously works to destroy them mechanically.





Human Safe and planet-friendly

Microsure adopts a mechanical kill method that does not require toxic chemicals to destroy various types of microorganisms, unlike harsh chemical disinfectants.

Our environmental coating solution is fatal to many viruses, including sars cov2 plus many dangerous pathogens. microsure technology delivers a long-lasting, week after week, bio-safe surface protection solution.

* Chem-free.
* Alcohol-free.
* Non-toxic.
* Extended protection.
* Guards against infection.
* Helps reduce the spread of harmful pathogens that have the potential to cause disease.

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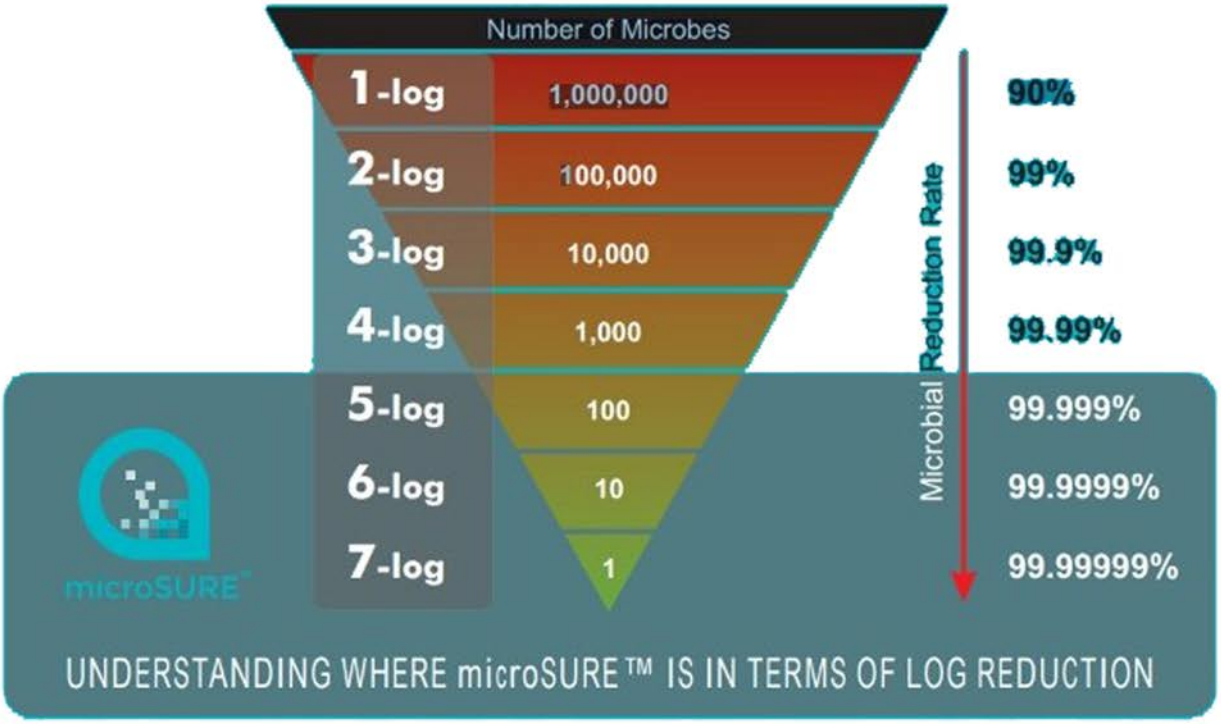
Technology overview

Understanding Log Reductions.

In terms of infection control, "Log Reductions' tell us how effectively a product reduces specific pathogens. The more significant the log reduction, the more effective the product is at killing or inactivating pathogens that can cause infections. An increment of 1 corresponds to a reduction in concentration by 10.



For example

a 0-Log reduction is no reduction at all, while a 1-log reduction corresponds to a reduction of 90 percent from the original concentration; thus, a 2-log reduction corresponds to a reduction of 99 percent from the actual c oncentration. So on and so forth.

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Antimicrobial Protection

Tested Against 1

Citation: BioSafety Laboratory testing: Using Microbioshield protectant (now called microSURE TM) as a Surface Cleaner and antimicrobial agent, testing completed at FDA/CDC approved Laboratory. Results were published on October 27, 2014.

Controlled Bacteria

Acinetobactercalcoaceticus
Aeromonas hydrophilia
Bacillus cereus
Bacillus subtilis
Bacillus typhimurium
Brucella abortus
Brucella canis
Burkholderia cepacia
Citrobacter diversus
Citrobacter freundii
Clostridium difficile(non-spore form)
Clostridium perfringens
Corynebacterium bovis
Corynebacteriumdiptheriae
Enterobacter aerogenes
Enterococcus
Enterococcus faecalis
Escherichia coli
Haemophilusinfluenzae
Haemophilus suis
Klebs-Loffler bacillus
Klebsiella oxytoca
Brucella suis
Enterobacteragglomerans (I, II)
Enterobacter cloacae
Klebsiella pneumoniae
Klebsiella terrigenous
Lactobacillus acidopholus
Lactobacillus casei
Legionella pneumophila

Controlled Algae

Anabaena cylindrica
Chlorella vulgaris
Chlorophyta (green)
Chrysophyta (brown)
Cyanophyta (blue-green)
Gonium species
Oscillatoria borneti
Pleurococcus
Protococcus
Scenedesmus quadricauda
Selenastrum gracile
Volvox species

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Antimicrobial Protection

Tested Against 2

Controlled Viruses

Adenovirus Type II
Adenovirus Type IV
Bovine Adenovirus Type I
Bovine Adenovirus Type IV
Feline pneumonitis
H1N1
H3N2
Herpes Simplex Type I
Herpes Simplex Type II
HIV B
HIV-I (AIDS)
Influenza A (Japan)
Influenza A2 (Aichi)
Influenza A2 (Hong Kong)
Influenza B
Parinfluenza (Sendai)
Poliovirus

note that the above virus listed as SARS was also tested a nd found unsuccessful at infecting the controlled pre-treated MICrobioshield samples.The reason this test result is so s ignificant is that not only is this another virus that caused an epidemic in 2002, but it is also a member of the Coronavirus family, as is the highly infectious (COVID-19} that we are struggling to combat today.

* Simian Virus 40
* Vaccinia

FDA/CDC lab results from this study once again proved hat the solution prevented colonization and growth of all infectious microorganisms.

Controlled Fungi

Alternaria alternata
Aspergillus flavus
Aspergillus fumigatus
Aspergillus niger
Aspergillus terreus
Aspergillus versicolor
Aureobasidium pullulans
Bipolaris australiensis
Penicillium variable
Penicillium notatum
Candida albicans
Candida parapsilosis
Cephaldascus fragans
Chaetomium globosum
Cladosporium herbarum
Clonostachys rosea
Cryptococcus humicola
Cryptococcus laurentii
Dreschslera australiensis
Pullularia pullulans
Rhizopus nigricans
Ricoderm species
Epidermophyton floccosum
Fusarium nigrum
Fusarium solani
Geotrichum candidum
Gliocladium roseum
Gliomastix cereals
Iternaris species
Mariannaea elegans
Microsporum audouinii

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Surface Protectant

How To Use

* Remove any physical soiling and ensure the area is thoroughly cleaned and disinfected.

* Apply microSURE TM ensuring good coverage.

* Allow to air dry on hard and soft surfaces.

Our 200ml CFC-free aerosol can be used as required for top-up treatment of high touch point surfaces or equipment.

Full Room Treatment

* Although we have carried out independent abrasion testing, we recommend the surface protectant be re-applied every 30 to 90 days or as needed on non-contact surfaces.

* High human contact surfaces should be re-applied every 2 to 4 weeks or as needed.

microSURE TM can also be applied using existing Nebulisation Disinfection equipment. This means facilities such as operating theatres can be disinfected and microSURE TM protected as part of the same service. microSURE TM can be applied to both hard and soft surfaces, including fabrics.

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Safety Data Sheet

SAFETY DATA SHEET

MICROSURE SURFACE PROTECTANT (CHEM-FREE)

SECTION 1: IDENTIFICATION OF SUBSTANCE & SUPPLIER

Product Name:	MicroSURE Surface Protectant (CHEM-FREE)
Synonyms:	Multi-Surface Protectant
Recommended Uses and restrictions on use:	For the decontamination of interior and exterior surfaces
Company Identification:	Strategia 1000 Jorie Blvd, Suite 370 Oak Brook, IL 60523
Emergency Telephone Number:	+1-866-377-8728

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification	Not a hazardous substance or mixture
Signal Word	No Signal Word
Hazard statement(s)	No known significant effects or critical hazards
Symbol(s)	NONE
Precautionary Statements	Do not use in eyes. In case of eye contact, flush thoroughly with water and seek medical attention. Stop use and ask doctor if irritation and redness develop and persists for more than 72 hours. Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.
Carcinogen	No

Medical conditions generally aggravated by exposure: Not known
The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data, and/or expert review of the product.

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