

Bio Protection For The Aviation Industry



- ✧ Chemical-Free
- ✧ Non-toxic
- ✧ Alcohol-Free
- ✧ Continuous Protection



Medcare & PPE

Making every space a safe place



MICROSURE

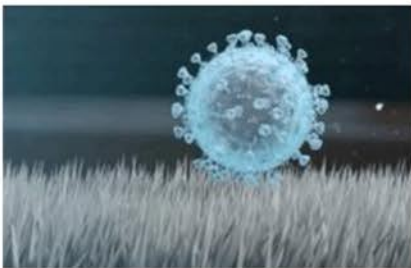
Introduction

Welcome to microSURE

A unique water-based antimicrobial non-toxic coating developed over 15 years by material science and biotechnology experts. microSURE adopts a mechanical kill that does not require toxic chemicals. microSURE delivers proven continuous bio protection against harmful pathogens that cause disease (including Sars Co-V2).)

A surface hostile to pathogens

The image below shows 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.



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More effective than traditional sanitising

Continuously protecting

against harmful pathogens that cause disease

Existing Sanitisation
Protocol

Sanitise



Surfaces **are not protected** between
sanitising event.

Application of microsure

Sanitise



Surfaces are being continuously bio-
protected by microSURE



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microSURE Applications



Airport



Commercial



Airport Retail



Aircraft



Crew Training



Food



Ground Crew



Transport



Hospitality



Janitorial

Where should microSURE be used?

In this strange new COVID World we all want and expect better levels of bio protection for employees, our customers and our environment.

microSURE™ technology has been proven to be effective in destroying not only SARS Co-V2 the virus responsible for COVID 19 but also a wide range of other destructive microorganisms as well.

Because microSURE uses a mechanical kill method that does not require any toxic chemicals to destroy harmful pathogens, it is ideal for use across all touch points and surfaces along any passenger journey. Similarly this also applies in providing the best bio-protection to those employed in the aviation industry.



MICROSURE

microSURE Key Benefits

A SAFER WORLD

microSURE protectant is chem-free and not considered a biocidal product. It has been independently assessed as being non-toxic, human safe, food safe and environment safe. microSURE has also been tested and approved for use by Boeing.

CONTINUOUS PROTECTION

When our water-based solution is applied to a surface, it forms a newly modified surface layer on drying which eliminates bacteria and viruses including coronavirus. This new permanent surface protection layer can only be removed by strong abrasion or when covered by soiling.

LONGER LASTING

Unlike most other products that claim lasting effect, microSURE™ is impervious to normal cleaning products and protocols. The durability and performance of our surface protectant has been independently tested for over 3 months.

MAJOR COST SAVINGS

When compared with the cost of traditional chemical based solutions, using microSURE™ can result in savings in excess of 70%.

customers include





MICROSURE

microSURE Protectant Products



Our microSURE protectant products come in various sizes depending on individual customer requirements, including frequency of use and preferred method of application.

All microSURE protectant products are supplied in a ready-to-use (TU) format for customer convenience.

All Surface Protectant



SP 1000L



SP 200L



SP 5L



SP 200ML



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MICROSURE

microSURE Application



microSURE protectant can be applied using various traditional application devices such as electrostatic spray, fogging, or even pump spray.

When a surface has been treated, you let it air dry (typically 7-10 min) before use. Once dry, microSURE™ will not be affected by cleaning routines, detergents, sanitisers, or chemicals.



On Hard & Soft Surfaces
Apply Every 90 Days

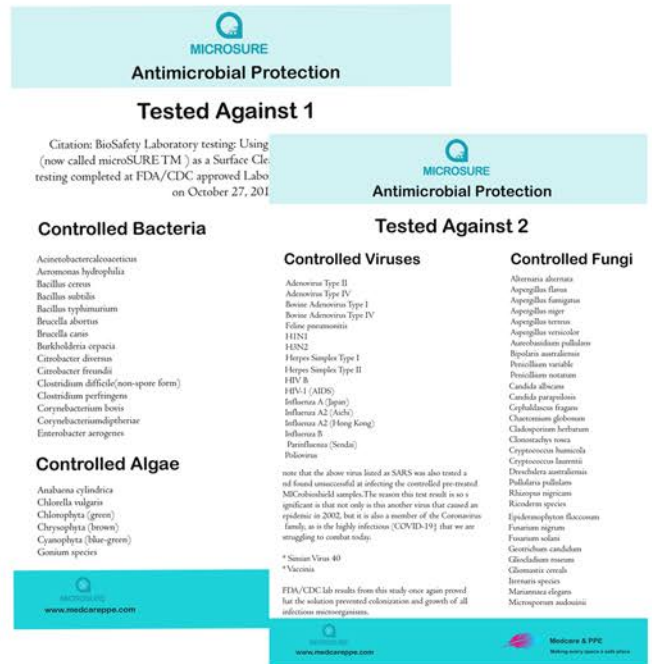
On Hand & Skin
Apply Every 8 Hours

On Febrics & Garments
375 Domestic washes



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microSURE has been tested worldwide and has been proven effective in destroying many pathogens, including bacteria, viruses, mold, and algae. Our unique advantage is the physical scale, and as a result, we are pathogen agnostic. microSURE™ protectant creates a long-lasting physical surface hostile to all.



Our customers love microSURE™ for two main reasons. Our protectant products are chem-free and safe. Secondly, our technology continuously protects against various harmful pathogens over a generous period without disrupting our passengers or network operation.





microSURE Is Chem-Free

Because microSURE is a safe, chem-free protectant product that destroys pathogens using a mechanical process, microSURE has been assessed as BPR (biocidal products regulation) exempt.



microSURE™ is not a biocide

microSURE is an entirely new mechanical approach to continuously protecting surfaces against contamination by pathogens that cause disease. We have taken significant steps consulting with the relevant authorities to make sure our protectant products are deemed safe and may be placed on the market without formality.

BPRExempt

"Product formulation is considered out - of - scope of the Biocidal Products Regulation (EU) No 528 / 2012, by Article 3 (1a) as the product formulation utilizes physical or mechanical action to exert the biocidal effect."

Non-hazardous-HumanSafe

As the product is non-hazardous, it won't need a CLP label under the EU or UK CLP regulations, nor will it need a safety data sheet under REACH. As regards labeling, as the product is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, it does not require a CLP label. While an SOS may be used (voluntarily) to communicate information about the product, it would not be a legal requirement as it does not contain any hazardous components.



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