

microSURE™
EUROPE

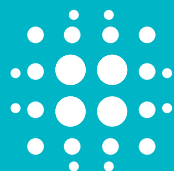
BIO PROTECTION FOR THE AVIATION INDUSTRY

Chemical free.

Non-toxic.

Alcohol-free.

Continuous protection.



Natural Hygiene

SOLUTIONS MADE SIMPLE

www.naturalhygiene.eu

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 images below show our microscopic silicon dioxide particles which create microcrystalline-like structures. These structures covalently bond to the targeted surface creating a new protective barrier. If harmful pathogens come into contact with the new surface, microSURE™ immediately and 'continuously' works to mechanically destroy them.



MORE EFFECTIVE THAN TRADITIONAL SANITISING



Continuously protecting
against harmful pathogens
that cause disease.



SANITISED

SANITISED

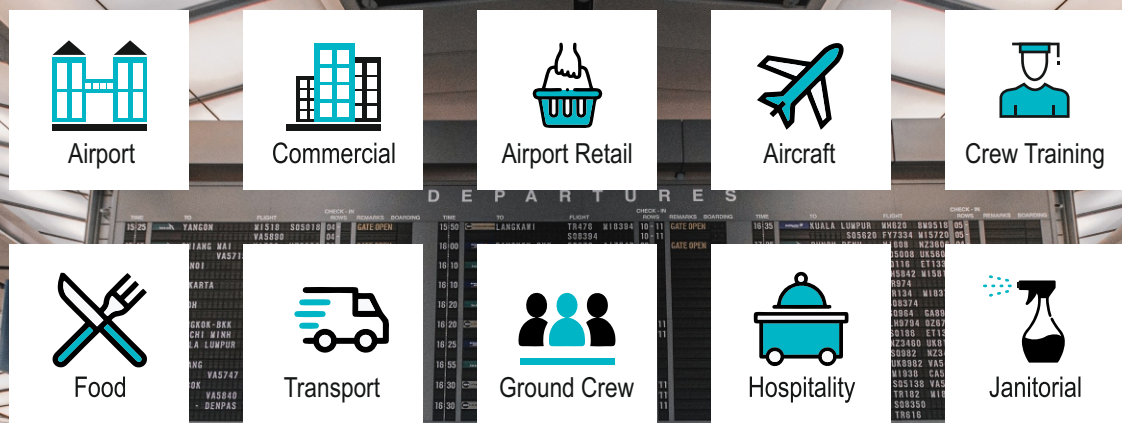
SANITISED & PROTECTED

Surfaces are not protected between sanitising events

Surfaces are being continuously bio-protected by microSURE™

Failure of current sanitisation protocols

With microSURE™ protectant application



microSURE™ APPLICATIONS

Where should microSURE™ be used?

In this strange new COVID World we all want and expect better levels of bio-protection for our 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.

Air transportation is a series of connected environments which should all be continuously bio-protected, without the use of harmful chemicals. This is why microSURE™ chem-free protectant technology is fast becoming the greener choice for transport companies, health services and businesses world wide.

customers include





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



microSURETM PROTECTANT PRODUCTS

Our microSURETM protectant products come in a range of sizes depending on individual customer requirements including frequency of use and preferred method of application.

All microSURETM protectant products are supplied in a ready to use (RTU) format for customer convenience.



1,000 L



200 L



20 / 5 L



200 ml



microSURE™ protectant can be applied using a variety of traditional application devices such as electrostatic spray, fogging or even pump spray. When a surface has been treated you simply 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 fabrics & garments
375 domestic washes

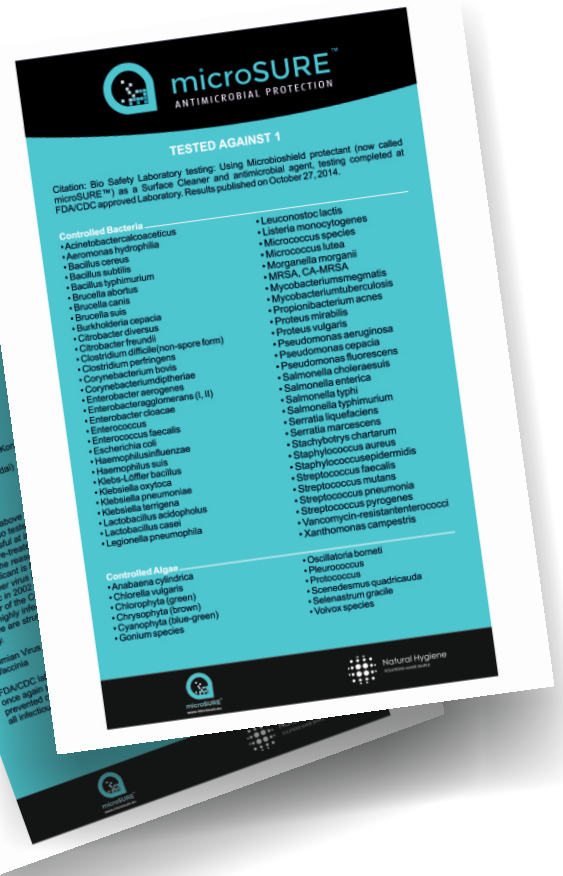




Extensive clinical testing

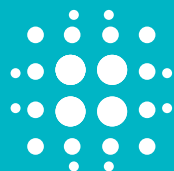
microSURE™ has been tested around the world and been proven effective in destroying a wide range of pathogens including bacteria, viruses, mold and algae.

Our unique advantage is physical scale and as a result we are pathogen agnostic. microSURE™ protectant creates a long lasting physical surface hostile to all.



Loved by our customers

Our customers love microSURE™ for two main reasons. Our protectant products are chem-free and safe. Secondly our technology continuously protects against a wide range of harmful pathogens over a generous time period without disruption to our passengers or our network operation.



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microSURE™ IS CHEM-FREE

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



INNOLABS



THE UNIVERSITY
of LIVERPOOL



An tÚdarás Sláinte agus Sábháilteachta
Health and Safety Authority



Australian Government
Department of Health
Therapeutic Goods Administration



microSURE™ is not a biocide

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

BPR Exempt

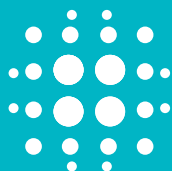
"Product formulation is considered out - of - scope of the Biocidal Products Regulation (EU) No 528 / 2012, in accordance with Article 3 (1a) as the product formulation utilises physical or mechanical action to exert the biocidal effect."

University of Liverpool

Non-hazardous – Human Safe

As the product is non-hazardous, then 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 labelling, 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 SDS 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. Further, as this product is not hazardous, it does not require notification to the National Poisons Information Service.

HSA / Biocides DAFAM.



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