

# Cleaning Services NANOFIXIT DEFENSE

### THE FUTURE OF SANITIZING



## WHO WE ARE

Nanofixit Inc. is a company with worldwide distribution of an advanced and innovative liquid screen protector based on Nanotechnology.

Nanofixit is working with some of the top Nanotechnology labs in the world developing several new and innovative products within the space of Surface Protection. We introduced our first retail product in 2015 – a first of its kind, solvent-free, and completely organic Liquid Screen Protector for cell phones and tablets.

Today Nanofixit has a whole range of products with various benefits such as ultra scratch-resistant, antibacterial, anti-cell phone radiation, and water repellent, just to name a few.

CMDA Cleaning Services partnered with two of the worldwide leaders on breakthrough surface protection came together to create an all-new line of eco-friendly antimicrobial solutions (antiviral, antibacterial, antifungal).

**Zoono** specialises in the development, manufacture and global distribution of a unique range of longlasting and environmentally friendly antimicrobial solutions.

Zoono Group has developed, and owns, a wealth of intellectual property based around the 'Zoono Molecule'. A unique, antimicrobial technology that bonds to any surface and kills pathogens including bacteria, viruses, algae, fungi and mould. It has proven efficacy and longevity, it does not leach and cannot diminish in strength.



NANOFIXIT<sup>™</sup> DEFENSE

Powered by ZOONO

SCHOOLS

NANOFIXIT

PUBLIC TRANSPORT SECTOR

HEALTHCARE SECTOR

> RETAIL STORES

## WHO DO WE LOOK AFTER?

CAFES

O

OFFICES & BUILDINGS

CAR DEALERSHIPS

PETROL STATIONS

APARTMENT'S & HOMES

RESTAURANTS

CHILDCARE







### NANOFIXIT Powered by **ZOONO**® DEFENSE

COVID-19 has affected us all in ways that we could never have anticipated. Many in our industry has taken a huge blow and loses.

**Continuation of business service** is essential to our economy and the consumer market.





One of the protocols issued is to ensure that all the facilities and surfaces customers and employees would come in contact with in the premises are sanitised, disinfected, and cleaned.





## HOW CAN WE HELP?

The partnership of **NANOFIXIT** with **ZOONO** has expanded its product line to include a unique range of long-lasting and environmentally friendly antimicrobial solutions composed of sprays, wipes and foams suited for skin care, surface sanitizers, and mould remediation treatments.

NANOFIXIT DEFENSE in partnership with CMDA CLEANING SERVICES provide both commercial and residential premises with a one stop disinfection service to ensure your homes and businesses are protected for 30 days.

It will bond to all surfaces where bacteria and virus can be passed on through contamination of the surface and or air and kill them straight away. We guarantee it will last for 30 days on surfaces from application and has over 100 lab reports to back up our guarantee.

More than ever our everyday environments need the best protection from bacteria and virus. It has proven reports to be 99.9% effective against the prevention of COVID-19 (Coronavirus) as well as numerous other superbugs.



## WHAT IS ZOONO?

These products are based on the "ZOONO Molecule", a unique, antimicrobial technology that bonds to any surface and has been successfully tested against bacteria, viruses, algae, fungi and mould. It has proven efficacy and longevity, it does not leach, cannot diminish in strength, and can last for up to 30 days on any treated surface or up to 24 hours on the skin.



**ENVIRONMENTALLY** FRIENDLY





98% PURIFIED WATER BASED

MECHANICAL **METHOD OF ACTION** 



SINGLE SURFACE APPLICATION PROVIDING FULL EFFICACY FOR SUSTAINED PERIODS OF TIME

**NO ALCOHOL** & NONTOXIC

### NANOFIXIT"











**5** Litres





### NANOFIXIT DEFENSE



## HOW DOES IT WORK?

NANOFIXIT powered by ZOONO's unique technology kills bacteria by a mechanical process rather than via chemical dehydration. A layer of positively charged molecular pins bonds to the surface and attracts/kills negatively charged pathogens by rupturing the microbe cell wall. The protective 'pins' on the surface remain intact (and effective) for up to 30 days, as proven with global laboratory results.



The long lasting invisible shield attracts pathogens



Pathogen makes contact with treated surface



Pathogen ruptures on contact with surface



NONTOXIC FOOD SAFE **ENVIRO-FRIENDLY** TGA APPROVED

> SAFE FOR COMMERCIAL, INDUSTRIAL, **RESIDENTIAL &** PUBLIC SPACES

**OTHER DISINFECTANT** 

**EFFECTIVE ONLY IN THEIR WET STATE** WHEN DRY THE SURFACE IS RE INFECTED ONLY KILL BY DEHYDRATION OR POISONING



## $NANOFIXIT^{M}$

Powered by ZOONO

KILLS PATHOGENS WHEN APPLIED IN WET FORM THE SAME WAY AS STANDARD DISINFECTANTS

CARRIES ON KILLING WHEN DRY WITH A "MECHANICAL METHOD" OF ACTION FOR UP TO 30 DAYS

KILLING MECHANICALLY WITH MICROSCOPIC PINS DESTRUCTING THE PATHOGENS MEANING NO MUTATION IS POSSIBLE



### NANOFIXIT<sup>M</sup> DEFENSE

Powered by **ZOONO**®







We can put a protected sign on your business premises to let your employees and clients know they are safe.

THIS HOTEL IS PERMANENTLY SANITIZED WITH:

ZOONO

FDA NUMBER 69227-201-02

NANOFIXIT<sup>™</sup> DEFENSE

> EPA NUMBER 83129-1





By infection-proofing of your business premises it reassures employees and clients that they can work and do business as usual without the fear of getting infected in this post-COVID-19 period.



NANO**FIXIT**™ DEFENSE

Powered by **ZOONO**®



NANOFIXIT<sup>™</sup> DEFENSE





## TRIED & TESTED

Formula has been tested in accredited labs worldwide and has been tried and tested successfully against over 100 pathogens.





### LAB RESULTS

### NANOFIXIT DEFENSE POWERED BY: ZOONO®

Zoono products have been proven to be highly effective against a wide array of pathogens, including MRSA (Superbug), E. Coli, H1N1 Swine Flu, Listeria, TB, Stachybotrys (Black Mould) and even the debilitating gastro ailment, Norovirus.

All Zoono products are EPA registered and/or FDA compliant, and have achieved breakthrough results from a range of global laboratories.:







Abbott Analytical Consulting Scientists to the Disinfectant Industry





EPA Number 83129-1



FDA / NDC Number 69221-201-02

## **eurofins**

		1				1
о.	PATHOGEN	ZOONO PRODUCT	TEST STANDARD	TEST DURATION	TESTING LABORATORY	LAB. TEST CERTIFICATE NO.
1.	E.coli	Germfree24	EN1500	3 minutes	Abbott UK	09H.120H.ZOO
2.	Pseudomonas.a	Germfree24	EN1276	5 minutes	Abbott UK	09H.120.ZOO
3.	E.coli	Germfree24	EN1276	5 minutes	Abbott UK	09H.120.ZOO
l.	Staph.aereus	Germfree24	EN1276	5 minutes	Abbott UK	09H.120.ZOO
•	Enterococcus.hirae	Germfree24	EN1276	5 minutes	Abbott UK	09H.120.ZOO
5	Aspergillis.niger	Germfree24	EN1650	15 minutes	Abbott UK	09H.120M.ZOO
	Candida.albicans	Germfree24	EN1650	15 minutes	Abbott UK	09H.120M.ZOO
÷	Pseudomonas.a	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.ZOO
•	E.coli	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.ZOO
).:	Aspergillis.niger	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.ZOO
	Staph.aereus	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.ZOO
2.	REPORT ON 13697	Z-71 Microbe Shield	EN13697	REPORT ONLY	Abbott UK	REPORT
<b>.</b>	Total Plate Count	Germfree24	EN12791	10 people / 24 hours	Abbott UK	9M.064.ZOO
•	Tuberculosis	Z-71 Microbe Shield	EN14348:2005	60 minutes	Abbott UK	14C.146MMt.ZNZ
i.	Staph.aereus	Z-71 Microbe Shield	Zoono Protocol	7 days	Ankara University	
	E.coli	Z-71 Microbe Shield	Zoono Protocol	7 days	Ankara University	
4	Pseudomonas.a	Z-71 Microbe Shield	Zoono Protocol	7 days	Ankara University	
	Candida.albicans	Z-71 Microbe Shield	Zoono Protocol	7 days	Ankara University	
	Legionella	Z-71 Microbe Shield	EN13623	1 hour	DEREN, Turkey	ML-ZOO1
•	MRSA	Z-71 Microbe Shield	Zoono Protocol	7 days	GATA Turkey	
	Staph.aereus	Z-71 Microbe Shield	Zoono Protocol	7 days	GATA Turkey	
	Candida.albicans	Z-71 Microbe Shield	Zoono Protocol	10 days	Hacettepe, Turkey	
•	Staph.aereus	Z-71 Microbe Shield	Zoono Protocol	10 days	Hacettepe, Turkey	
	Bacillus.cereus	Z-71 Microbe Shield	Zoono Protocol	10 days	Hacettepe, Turkey	
<u>.</u>	Pseudomonas.a	Z-71 Microbe Shield	Zoono Protocol	10 days	Hacettepe, Turkey	
	Listeria.m	Hospital Grade	Zoono Protocol	14 days	BioTest, Australia	161851
6	Staph.aereus	Hospital Grade	Zoono Protocol	14 days	BioTest, Australia	161851
	Pseudomonas.a	Hospital Grade	Zoono Protocol	14 days	BioTest, Australia	161851
	C.diff	Hospital Grade	Zoono Protocol	14 days	BioTest, Australia	161851
).	MRSA	Hospital Grade	Zoono Protocol	14 days	BioTest, Australia	161851
	Listeria.m	Z-71 Microbe Shield	Zoono Protocol	14 days	BioTest, Australia	161850
	Staph.aereus	Z-71 Microbe Shield	Zoono Protocol	14 days	BioTest, Australia	161850
	Pseudomonas.a	Z-71 Microbe Shield	Zoono Protocol	14 days	BioTest, Australia	161850
<b>I</b> .	C.diff	Z-71 Microbe Shield	Zoono Protocol	14 days	BioTest, Australia	161850
5.	MRSA	Z-71 Microbe Shield	Zoono Protocol	14 days	BioTest, Australia	161850
6.	Listeria.m	Hospital Grade	Zoono Protocol	7 days	BioTest, Australia	161522
7.	Pseudomonas.a	Hospital Grade	Zoono Protocol	7 days	BioTest, Australia	161522

### TEST RESULTS FOR COVID-19



Reduced Screening test based on - BS EN 14476:2013+A2:2019

### Quantitative suspension test for evaluation of virucidal activity in the medical area (Phase 2 Step1)

### **For Screening Purposes Only**

Microbiological Solutions Limited (MSL) Gollinrod, Walmersley, Bury, BL9 5NB, UK

Angela Davies, CEO

Customer: Zoono UK & Europe Contact name: James Milnes Email: james.milnes@zoono.com Address: Unit 15, Bunting Road, Bursy St Edmunds, IP32 7BX PO/Quote number: Q002081 Report Date: 27/02/2020 Issue Number: 1

Megan Barrett

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**EPA Number** 83129-1

Laboratory Manager

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### NANOFIXITDEFENSE



Test identification Reference: J001347

Reduced Screening test based on - BS EN 14476:2013+A2:2019

	Test information		
Name of Product	Microbe Shield		
Batch Number & Expiry Date	8318 Exp 11:2022		
Date of Delivery	03/02/2020		
Period of Analysis	19/02/2020-24/02/2020		
Manufacturer / Supplier	Zoono UK & Europe		
Storage Conditions	Ambient		
Appearance of the Product	Colourless liquid		
Neutralisation Method	Filtration		
Product Diluent	Distilled water		
Test Concentrations	Neat		
Experimental Conditions	Dirty		
Interfering Substance	Dirty 3.0g/l Bovine Albumin + 3ml/l erythrocytes		
Test Temperature	20 <sup>0</sup> C <u>+</u> 1°C		
Temperature of Incubation	Bacteria - 37°C ±1°C for 24hr to 48hrs		
Identification of the Viral Strains:	Feline coronavirus, Strain Munich		
Contact Times	5 minutes ± 10s (surface		
Stability and Appearance During Test	No Change Observed		

### **Test Result Summary**

The test product Microbe Shield has shown a log reduction of 4.33, when tested under the conditions stipulated in this report, against Feline coronavirus

The test results on this report refer only to the items tested as supplied by the customer. This report shall not be reproduced except in full and with written approval of Microbiological Solutions Ltd. All reports are archived for a minimum of 2 years. The sample will be retained for 1 month unless otherwise requested in writing.

	V IIII		
	Feline coronavirus	COVID-19 (SARS- CoV2)	
Realm	Riboviria	Riboviria	
Order	Nidovirales	Nidovirales	
Family	Coronaviridae	Coronaviridae	
Genus	Alphacoronavirus	Betacoronavirus	
Species	Alphacoronavirus 1	COVID-19	

The members of the family Coronaviridae are enveloped and have a positive sense RNA genome. Coronaviruses have a distinct morphology with an outer 'corona' of embedded envelope spikes. These viruses cause a broad spectrum of animal and human disease.

Andrew M.Q. King, Michael J. Adams, Eric B. Carstens, and Elliot J. Lefkowitz 'Virus Taxonomy, Classification and Nomenclature of Viruses, Ninth Report of the International Committee on Taxonomy of Viruses' 2012 ISBN 9780123846846

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## CONTACT US TODAY



### NANO**FIXIT**™ DEFENSE

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## **CADA Cleaning Services**

### NANOFIXIT

### MICROBE SHIELD SURFACE SANITISER



CORONA VIRUS &

### **5** Litres

### STORACE

tore in theshade



