



# TRIMITE<sup>PS</sup>

PROTECTIVE SYSTEMS

**HIGH-LEVEL  
ANTI-VIRAL  
& SANITISER**

**Effectively  
kills 99.999%**

*IN LESS THAN 1 MINUTE*

- ✓ VIRUSES
- ✓ BACTERIA
- ✓ SPORES
- ✓ MYCOBACTERIA
- ✓ FUNGUS
- ✓ YEAST



is an Electronically Activated Water containing Hypochlorous Acid (HOCl) as active ingredient, this formula was declared by FDA on 2002 as a high level disinfectant.



**SHIELDme™** is a powerful replacement for traditional chemical disinfecting and sterilization processes. The product uses only natural elements and has been repeatedly proven to be safe for humans yet lethal against all of pathogens.

**SHIELDme™** is fast and effective against all know pathogens and kills 99.999% of harmful germs, viruses and spores including influenzas, E-coli, C-difficle, MRSA and Norovirus.

**SHIELDme™** kills all known pathogens in LESS THAN 1 MINUTE and with no significant safety precautions or health warnings to worry about, it is also safe to ingest, wash with and inhale

**SHIELDme™** is an incredibly versatile surface disinfectant specifically formulated for use in Care Homes, Hospitals, Hospitality, Leisure, Catering and Educational environments. **SHIELDme™** can be also used in the processing & production of food and beverages.

**SHIELDme™** is in compliant with British Standards & European Norms BSEN 14476, 14204, 1276, 13704, 13697 & 1656.

## Unlike other disinfectant

which need to be left in place for several minutes to be effective, which rarely happens when staff are under pressure, **SHIELDme™** requires only a few seconds contact time to kill bacteria and eliminate odours.

It works faster and more effectively than other cleaning and disinfecting agents, but is safe for humans and the environment.

## Our Technology





# HOW IT WORKS?

**SHIELDme™** works by the power of HOCl - one of the most potent disinfectants known, and one which occurs naturally in the human body.

**SHIELDme™** beat VIRUSES. Our bodies produce HOCl when fighting off bacteria and viruses. This mechanism that is effective at destroying invading microorganisms.

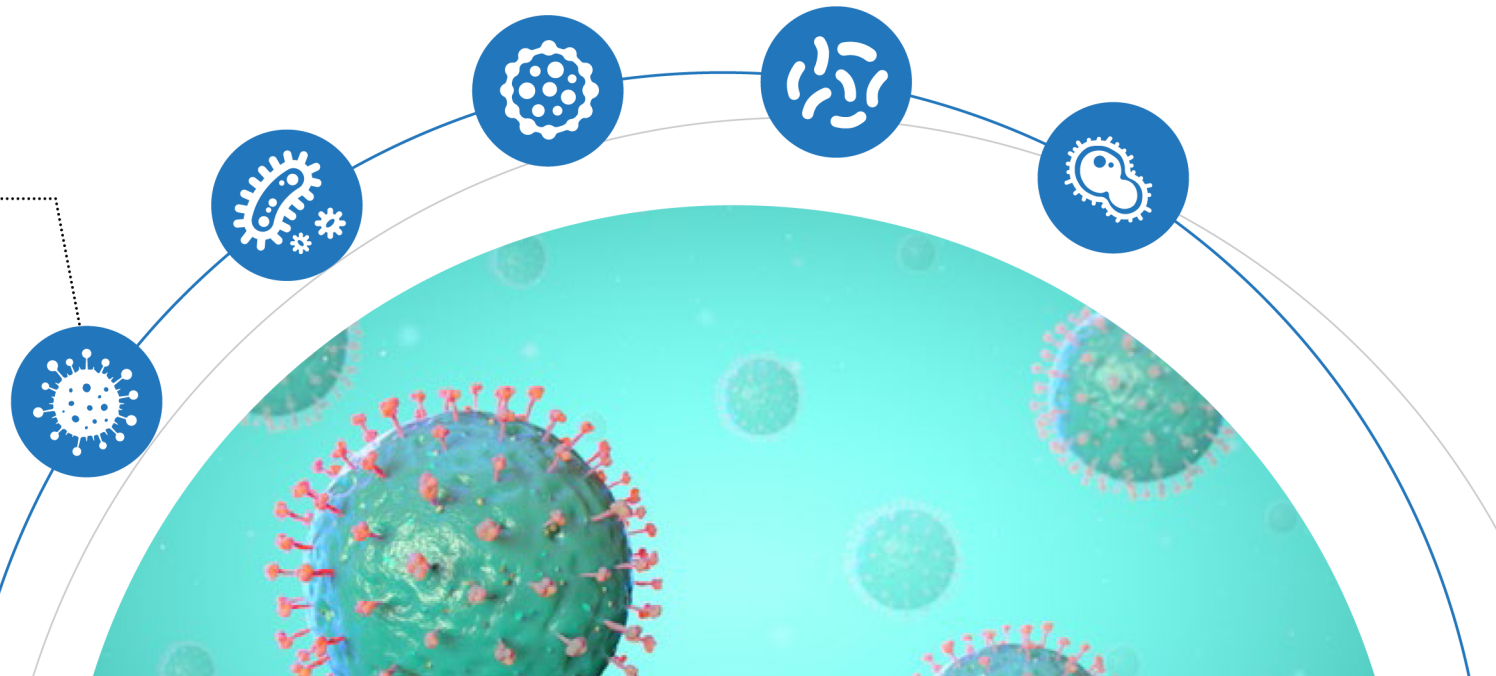
**SHIELDme™** is an efficacious disinfectant that imitates our own immune system: it's this composition that makes **SHIELDme™** unique.

**SHIELDme™** can also be used to increase the shelf life of foods such as fresh fish and meat. No other chemically based disinfectant can perform all of these functions.



Protect your family & beloved ones against:

- ✓ VIRUSES
- ✓ SPORES
- ✓ FUNGUS
- ✓ BACTERIA
- ✓ MYCOBACTERIA
- ✓ YEAST



# SCIENCE & TECHNOLOGY BEHIND PRODUCTION PROCESS

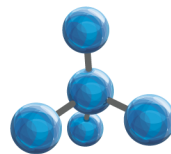


**SHIELD<sub>me</sub>**<sup>™</sup> production process is grounded in continuous scientific testing and improvements:

**SHIELD<sub>me</sub>**<sup>™</sup> has the power to prevent and control infections wherever risk occurs; in Hospitals, in Care Homes and in the domestic environment.

**SHIELD<sub>me</sub>**<sup>™</sup> is produced fresh, onsite, on-demand, is cost-effective and is human and environmentally safe.

By utilizing our specially designed and controlled production systems, we are able to produce **SHIELD<sub>me</sub>**<sup>™</sup> of the highest quality, litre after litre.



## HYPOCHLORUS ACID

Naturally produced by human body.





# OUR ACCREDITATIONS

Hypochlorous acid got international accredited approvals in general such as **ISO**, **FDA** and **EU** for use in industry, including in food and beverage processing, surface disinfecting, and medical and dental applications.

**SHIELDme™** has ongoing quality control to reach maximum reliability, efficiency and safety of the product.



# PRODUCT INFORMATION

CHEMICAL NAME	CAS-No	EINECS-No	Wt/Vol %	Symbols
Sodium Chloride	7647-14-5	23-598-3	0.2 – 0.4	NaCl
Hypochlorous Acid	7790-92-3	232-232-5	0.01 – 0.02	HOCl
Sodium Chlorate	7775-09-9	231-887-4	0.002	NaClO <sub>3</sub>
Water	7735-18-2	231-791-2	99.788 – 99.578	H <sub>2</sub> O

**SHIELDme™**

has ongoing quality control to reach maximum reliability, efficiency and safety of the product.

NON-IRRITANT  
& CONTAINS NO  
BLEACH

NON-FLAMMABLE  
& NON-TOXIC



## OTHER **ADVANTAGES**

1

A total complete solution for all sterilization requirements.

2

Enhanced microbial and biofilm control provides confidence that organizations are offering quality assured products and conforming to HACCP requirements.

3

Can be fogged at low concentrations to ensure cost-effective surface decontamination.

4

Easy and safe to apply, requiring no special handling procedures or safety equipment.

5

No harmful chemicals need to be stored, processed or disposed of post cleaning of the plant.

6

For water sterilisation **SHIELDme™** allows Sanitization in Place (SIP), as an inclusion of <10% falls within the portable water standard.



# The most common applications are in the following sectors:

**SHIELDme™** is the leader in a new class of disinfectant and the most advanced sterilizer around the world.



## Healthcare

General, clinical and dental

## Education

Schools, childcares & nurseries

## Hotels

Rooms, public areas, mattresses, seating, fabrics, food production

## Leisure

Common areas, gyms, swimming pools

## Restaurants

Kitchen, storage areas, dining areas & toilet facilities

## Malls

Common areas, toilets & elevators

## Public Transport

Metro, bus, taxi

## Household

Furniture, kitchen & toilets

## Agriculture & Poultry

Food and grain storage, animal & bird farms, fruit and vegetable production, packing and preparation

## Worship Areas



# **SOLUTIONS AND SYSTEMS**

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**Sanitizing Tunnels**

**Automatic Hand  
Disinfecting Dispensers**

**Electric Cold Foggers**





# SANITIZING TUNNELS

**SHIELDme™** Sanitizing Tunnels are disinfecting passageways for human use, which sprays the person passing inside with **SHIELDme™** high level disinfectant and sanitizer, killing 99.999% of viruses, bacteria, mold, fungi, and spores. Sanitizing Tunnels can be used before the entry of a building, to prevent any infected people to enter the building. They can differ in shape and dimensions, depending on client requirements.

## AIRPORT SANITIZING TUNNELS

**SHIELDme™** Aircraft Disinfecting Tunnel are disinfecting passage ways for human use, which sprays the person passing inside with **SHIELDme™** high level disinfectant and sanitizer, killing 99.999% of viruses, bacteria, mold, fungi, and spores. 100% Natural, no side-effects on all human beings, we can convert any aircraft tunnel to **SHIELDme™** Aircraft Disinfecting Tunnel. Can be used before the entry of an airport after landing.



## AUTOMATIC HAND DISINFECTING DISPENSERS

**SHIELDme™** Automatic Hand Disinfecting Dispenser uses Shieldme the 100% natural high-level disinfectant and sanitiser which is oxidizer water with Hypochlorous acid 150-200 PPM, which kills 99.999% of viruses, bacteria, mold, fungi and spores.

### APPLICATIONS:

**SHIELDme™** Automatic Hand Disinfecting Dispenser can be used widely inside all building types, and wherever large number of people pass by constantly inside the building, such as entrance, corridors, washrooms, or any other location.



**EASY TO INSTALL/ WORKS WITHOUT HAND TOUCHING**



# ELECTRIC COLD FOGGERS

Featuring a unique hose design which is able to swing to any angle, the highly efficient and convenient Disinfecting Fogger enables you to apply solution to a wide number of areas.

The 5L tank capacity and spraying distance of 6-8m allows the user to cover a wide area in a short amount of time, quickly and thoroughly disinfecting areas such as schools, hotels, healthcare facilities and public transport.

## ADVANTAGES

1. Unique hose design, swing to any angle, instant switch on/off, high efficiency, convenient.
2. High efficiency spraying, save solution and labor.
3. Rotating sprayer without any blocking.
4. Air pressure auto-locking spray head to prevent leakage.
5. High-power motor, high speed spraying.



**DISINFECTING FOGGER**  
**SDME-200-201**

Voltage / Frequency	Power	Tank Capacity	Spray Volume	Droplet Size	Spraying Distance
AC220v / 50Hz	1000W	5L	470ml/min	10-150 µm	6-8m



**DISINFECTING FOGGER**  
**SDME-15002E**

Voltage / Frequency	Power	Tank Capacity	Spray Volume	Droplet Size	Spraying Distance
220V / 50Hz	1200W	12L (3 Gal)	750ml/min	0-50 µm (Adjustable)	5-6m Horizontal 1.5 - 2 Vertical



**TRIMITE<sup>PS</sup>**  
PROTECTIVE SYSTEMS

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