



Audit Diagnostics

Sterl STAT™

Incorporating



TOTAL
DECONTAMINATION
FOR THE 21ST CENTURY!

**The 7 Day
Revolution!**

1 Application for 7 Days Protection!



**KILLS 99% Bacteria, Viruses,
Yeast and Moulds including:**

H1N1 (Swine Flu)

C. DIFF | MRSA

NOROVIRUS

(Winter Vomiting & Diarrhoea Bug)

TB | E. COLI | SALMONELLA

How does Sterl STAT work?

The mode of action is both physical and chemical. The physical effect is created by varying surface tension. **Sterl STAT** contains a polydimethylsiloxane based polymer which has a low surface tension and is hydrophobic and further components of relatively higher surface tension. This facilitates an alternating surface tension with hydrophobic and hydrophilic sites in close proximity. Such a surface makes it difficult for micro-organisms to settle and produce a biofilm. The biofilm helps the micro-organism stick to the surface so that they can reproduce. As the micro-organism cannot affix and cannot reproduce, it becomes aged and weak.

Micro organisms are susceptible to the gentle biocides associated with the polymer backbone of **Sterl STAT**. These biocides are responsible for cell lytic activity. The chemical effect of **Sterl STAT** allows the polymer backbone to remain attached to the surface through hydrogen bonds, thus providing

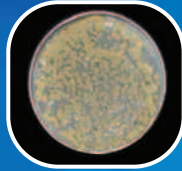
7 days residual protection.

IT WORKS!

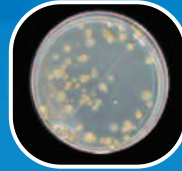
Surface Test



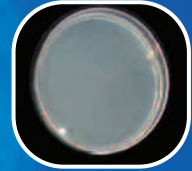
1. SURFACE UNTREATED.



2. SURFACE TREATED WITH WATER ONLY.



3. SURFACE TREATED WITH COMPETITORS PRODUCT.



4. SURFACE TREATED WITH STERL STAT.

Hand Test

Procedure

Three different test subjects' normal hand flora was ascertained by the use of pre-poured Plate Count and OGYE agar plates. Each test subject placed their hands upon separate agar plates and the plates were then incubated at 35°C for 3 days and 25°C for 5 days respectively.

A standard dose of 1.8mls of **Sterl STAT** Hand Foam was applied to the hands of the test subjects and rubbed in, paying particular attention to the finger ends, in between each finger and the areas around the fingernails. The subjects' hands were then placed onto agar plates and the plates incubated.

The hands were placed on to the agar plates at 0 mins, 5 mins, 10 mins, 15 mins, 30 mins and 45 mins after the application of **Sterl STAT** Hand Foam. In the time between plate contacts the test subject carried out their normal tasks.

Results **Plate Count Agar**

Test Time (min)	Initial Count (CFU)	0	5	10	15	30	45
Subject							
Office Worker	>300	5	0	0	0	7	24
Lab Worker	>300	8	0	0	0	3	39
Manual Worker	>300	37	6	0	0	0	6

OGYE Agar

Test Time (min)	Initial Count (CFU)	0	5	10	15	30	45
Subject							
Office Worker	2	0	0	0	0	0	0
Lab Worker	0	0	0	0	0	0	0
Manual Worker	1	0	0	0	0	0	0

Conclusion

The Plate Count Agar results show that **Sterl STAT** Hand Foam appears to have a residual effect against bacteria for between 30 and 45 minutes. It could be proposed that this residual action is due to the actual generation time for the bacteria; it is felt that this factor is negated by the carrying out of the test subjects' normal tasks, thereby exposing the hands to the normal types and modes of contamination.

The OGYE plates are specific for yeasts and moulds and are largely irrelevant due to the low numbers recovered on the initial contact plates.

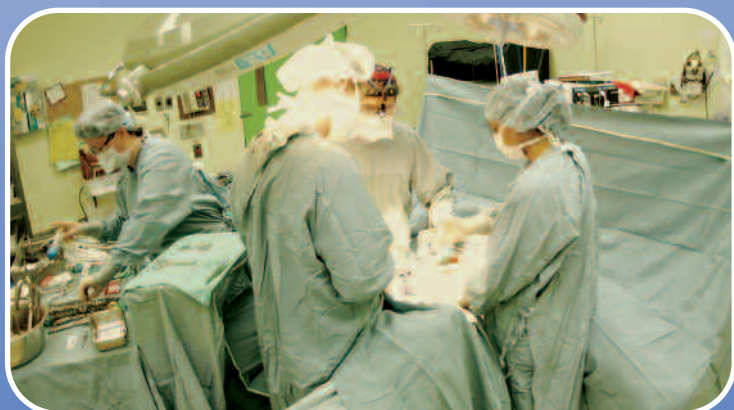
The Complete System that Destroys in less than **1 MINUTE**

INTENDED USE



**SILENT
KILLER**

CONTINUES TO KILL FOR
7 DAYS FROM 1 APPLICATION



- Hospitals
- Clinical Laboratories
- Clinics and GP Surgeries
- Nursing Homes
- Food and Research Laboratories
- Veterinary Laboratories and Surgeries
- Food Preparation Areas
- Infection Control Areas



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Frequently Asked Questions & User Comments

Can Sterl STAT be used as a floor sanitiser?

Yes!

There are concentrated versions available for floor sanitising

Am I likely to develop skin irritations or dry cracked hands?

No!

No alcohol

Neutral pH

How can I be reassured it is safe?

See MSDS

Is it waterproof?

No!

Are there any serious side effects associated with using Sterl STAT?

No!

Non Toxic

Non Corrosive

Can Sterl STAT be used on equipment?

Yes!

Non Corrosive

Why should I use Sterl STAT over alcohol based gels?

Non Flammable

Non Toxic

Non Corrosive

Non drying or irritating to the skin

According to some religions, alcohol use is prohibited or considered an offence
(Source WHO Guideline on Hand Hygiene)

Is Sterl STAT safe to use?

Yes!

Due to the physical effects of **Sterl STAT**, strong or highly concentrated volumes of biocides are not required. Ingredients of **Sterl STAT** are those that are used in shampoo, shower gel and soap.

The predominant ingredients of **Sterl STAT** are Listed in Annex VI of the cosmetics directive.

(Directive 76/68/EEC)

- Non Flammable
- Alcohol free whereas standard alcohol gel contains >70%
- Non Toxic
- Non Corrosive

Is Sterl STAT environmentally friendly?

Yes!

It is biodegradable. It will dissociate when immersed in water for over 24 hours and the components are foodstuff for certain natural microbes but in a solution of more than 0.1% it is stable for a long period.

Can microbes develop a resistance to Sterl STAT?

No!

This is due to the physical mode of action of the product.

"Since the wipes and spray are not in any way dangerous or harmful it is good to know that they can be used on food preparation areas and bedside tables etc"

"When using the hand foam you can see where the foam is and so you are not likely to miss any area of the hands"

*"I have to wear gloves when using alcohol wipes so the **Sterl STAT** wipes are a godsend"*

"I suffer from Eczema and the foam has in my opinion contributed to a significant improvement in my condition since I am no longer using alcohol gels"

"The spray actually makes the floor and bed mattress shine when they have been cleaned"

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Features

CE Compliant

- **7 DAY RESIDUAL PROTECTION !**
- **NON TOXIC !**
- **NON CORROSIVE !**
- **ODOURLESS !**
- **NEUTRAL pH !**
- **NON FLAMMABLE !**
- **REDUCE CLEANING COSTS !**
- **REDUCE CLEANING TIME !**
- **APPLY DIRECTLY ON HANDS !**
- **APPLY DIRECTLY ON SURFACE !**
- **NON RINSE FORMULATION !**



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Benefit

Sterl STAT

Decontaminates the environment!
Eliminates threat of MRSA
E. coli • Salmonella & Listeria
H1N1 (Swine Flu)



MRSA caused infections

MRSA (Methicillin Resistant Staphylococcus Aureus) is a type of Staphylococci bacteria that is resistant to beta-lactam antibiotic which includes methicilum, oxacillin, penicillin and amoxicillin. MRSA infections occur most frequently among people in hospital environments who have weakened immune systems. Infections include surgical wound infections, urinary tract infections, bloodstream infections and pneumonia. Person to person contact is the most common mode of transmission of the bacteria through secretion from infected skin lesions, nasal discharge or spread via the hands.

It is believed that up to 53 million people could be carriers of MRSA,
(Source CDC and Lancet Medical Journals)



The Complete System that Destroys in less than **1 MINUTE**

The Evidence

Independently tested to

EN1276
EN13704
EN1650
EN14476
EN1500

Conforms to

CE TUV0123



MEDICAL DEVICE DIRECTIVE 93/42/EEC
QUALITY STANDARD ISO 13485

Sterl STAT has undergone rigorous testing. Its efficacy has been confirmed with

Certification of

EN1276 Bactericidal Activity with the following test organisms:

MRSA
Pseudomonas aeruginosa
Escherichia coli (E. coli)
Escherichia coli O157:H7 (E. coli O157:H7)
Staphylococcus aureus
Enterococcus hirae
Listeria monocytogenes
Salmonella typhimurium
Yersinia enterocolitica
Mycobacterium smegmatis

EN13704 Sporocidal Activity with the following test organisms:

Clostridium difficile (C. diff)
Bacillus subtilis
Bacillus stearothermophilus

EN1650 Fungicidal Activity with the following test organisms:

Candida albicans
Aspergillus niger

EN14776 Efficacy of JEY005/15/ against Influenza A virus H1N1 (Swine) in a quantitative suspension test at 20°C

CEN TC 216 Virucidal Activity with the following test organisms:

Feline Coronavirus (SARS Surrogate)
Winter Vomiting and Diarrhoea Bug (Norovirus)

EN1500 Hygienic Hand Rub Test with the following organism:

Escherichia Coli (E.Coli)

Sterl STAT is certified to:

- CE Compliant ✓
- MEDICAL DEVICES DIRECTIVE 93/42/EEC. ✓
- QUALITY STANDARD ISO 13485. ✓



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Healthcare for the Future

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Applications

Hand Foam



Dispense the hand foam onto the palms of the hands. Rub hands together until dry, paying particular attention to the area between fingers and nails. The foam spreads easily and rapidly across the hands without spills or splashes. Do not rinse hands after application.

Anti-Microbial Wipes



These multi-purpose wipes can be used to sanitise both hands and surfaces.

Hand Wipes



Apply wipes to all areas of the hands, paying particular attention to areas between fingers and nails. Application needs to be in excess of 30 seconds. Allow the hands to dry. If the hands are heavily soiled, it is recommended that they are washed before applying **Sterl STAT** hand foam product.

Personal Protection Kits



This pack will provide with all the protection you need on the go. Travel size versions of Surface Spray and Hand Foam along with Nasal wipes and a mask.

Surface Wipes



Apply the wipes to the contaminated area and allow to dry.

Dispensers



This is a push button wall mountable dispenser which uses AST106 Solution and emits the hand sanitiser in the form of a form similar to AST102 & 103.

Surface Spray



The **Sterl STAT** surface spray should be applied directly to surface ensuring total coverage of surface area. Allow to dry.

COMING SOON!
Hand Soaps & Gels

PRODUCT information

Cat. No.	Product Description	Pack Size	Amt / Box
AST101	Surface Sanitising Spray (Healthcare)	750ml	6
AST102	Hand Foam Sanitiser	600ml	15
AST103	Hand Foam Sanitiser	50ml	30
AST114	Hard Surface Sanitising Wipes	800 Wipes	1
AST105	Hand Sanitiser Wipes	150 Wipes	6
AST106	Hand Sanitising Refill	5L	1
AST107	Floor Sanitiser	5L	1
AST108	Concentrated Floor Cleaner	50ml	10
AST109	Anti-Microbial Hand Wipes	75 Wipes	10
AST115	Personal Protection Kit	1	30
AST110	Holder for AST102	n/a	1
AST119	Multi Hand Dispenser	n/a	1
AST131	Surface Sanitising Spray (Leisure / Food & Bev)	750ml	6
ASTF100	Fogging Unit	1	1

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