

STERI-7XTRA

MULTIPURPOSE SURFACE WIPES

**new
product**



Steri-7 Xtra Multipurpose Disinfectant Cleaning Wipes are plastic-free and made using biodegradable wipe materials, are designed for cleaning & disinfecting surfaces and high-touch points, whether at home, in your workplace or on the go.



When we are asked about **BIOSECURITY**, we believe we have a duty of care to always give the most responsible advice possible.

If that means we should recommend you don't use our products, we will tell you so.

Even though our livelihood depends on creating, developing and selling disinfectants, it is our in-house policy to help you understand when and where you should or shouldn't use them.

Is all that pioneering with integrity?

We don't think so, we know so.



At it's most fundamental, biosecurity is everyday common-sense; basic hygiene, washing your hands as often as possible, all the things we do, or should do, as a matter of course. But wherever we go, we'll come in contact with micro organisms and pathogens. Some are simply unpleasant; many are deadly. Biosecurity needed a champion.

Like all our biosecurity protocols, processes and management systems, Reactive Barrier Technology is designed to offer the best possible protection between cleans against the harmful micro organisms that surround us everyday.

STERI-7XTRA



BREAK

STERI-7 XTRA hand wash and rub help to BREAK the chain of infection.

TREAT

Then, applying STERI-7 XTRA to the vulnerable spaces and surfaces will TREAT the pathogens at source.

PREVENT

STERI-7 XTRA with Reactive Barrier Technology prevents any further re-infection.



STERI-7 XTRA is a multi-purpose biocidal cleaner that also works as a high level disinfectant. It cleans practically any surface or material, eradicating bacteria, spores, fungi, yeasts and viruses.

What makes STERI-7 XTRA your ideal cleaning solution is that it keeps treated areas contamination free between cleaning cycles. This is because it goes on working once dried.

The result is round the clock Biosecurity, with no window of opportunity for germs to re-establish themselves.

STERI-7XTRA

THE BEST BIOSECURITY
FROM THE GROUND
FLOOR UP!



Wherever large numbers of people congregate, you'll find a high risk of contamination. Offices, wash rooms, restaurants, cafés; the list is almost endless.

Trying to keep these spaces simply clean, never mind hygienic, is a never-ending battle. They are happy breeding grounds for a wide range of nasties; from the unpleasant to the downright hostile. Bacteria like E.Coli and Salmonella and viruses like Norovirus, Influenza & Coronairus are everywhere and on everything.

REACTIVE BARRIER TECHNOLOGY PROTECTION BETWEEN CLEANS

Reactive Barrier Technology is a specialised micro emulsion which provides an optional sustained release system – this means that the Reactive Barrier can be turned on or off depending on the situation. It's simple, if you rinse STERI-7 XTRA after application you remove the reactive barrier, if you leave STERI-7 XTRA to dry you enable the Reactive Barrier Technology giving you added Biosecurity and protection between cleans.



What is STERI-7 Reactive Barrier Technology?

STERI-7 is a high-level, broad spectrum, one stage disinfectant cleaner. When applied to any surface from a floor to a wall or even a fabric, the biocide in STERI-7 kills Bacteria, Spores, Fungi, Viruses and Mould in seconds. But unlike any other disinfectant, STERI-7 incorporates a unique innovation called Reactive Barrier Technology.

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How does the Reactive Barrier Technology work?

Spray STERI-7 on a surface and leave to dry. Seconds later STERI-7 has killed 99.9999% of harmful bacteria, viruses, fungi, spores and moulds. STERI-7 doesn't stop there. When STERI-7 has dried, a barrier is created which reactivates in the presence of any moisture.

For bacteria, viruses, fungi, spores and moulds to reproduce, they must contain moisture. However the moisture they need, even though microscopic, is enough to activate STERI-7's Reactive Barrier. Effectively the germs kill themselves. Pathogen suicide no less

We wanted to prove STERI-7 Reactive Barrier Technology could be used to promote Biosecurity, so we asked an Industry recognised analytical laboratory to put STERI-7 and the Reactive Barrier Technology to the test.

Using an adapted version of protocol EN 13697 under 'Dirty' test conditions, STERI-7 was diluted with hard water. Hard water weakens a disinfectant's efficacy. Spores, fungi and bacteria were chosen because these are some of the toughest pathogens to damage, never mind kill. If they could be killed under these conditions we knew STERI-7 could deal with almost anything.

The lab set their parameters. STERI-7 was sprayed onto stainless steel slides and left to dry. Once dried they were inoculated with selected bacteria, spores and fungi. After 1 minute contact time, the slides were swabbed with a dry sterile swab and analysed. **STERI-7 killed the lot.**

5 minutes later the same stainless steel slides were inoculated, left for then 1 minute contact time and then swabbed with a new dry sterile swab. **Result? STERI-7 again killed the lot.**

This procedure was repeated at 30 minutes, 60 minutes, and 72 hours later. **Result? Guess what?**

STERI-7 once again killed the re-inoculated pathogens.

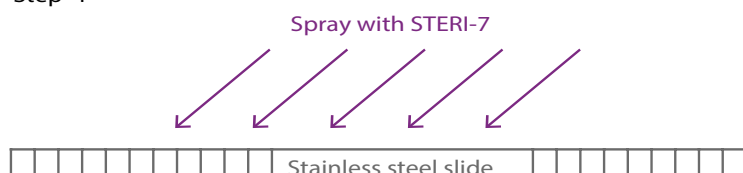
What does this mean for you?

As has been proven, STERI-7's unrivalled Reactive Barrier Technology continues to be effective between cleans. And although it is extremely harmful to pathogens, it is not harmful to anything or anyone else. All of STERI-7's ingredients have worldwide approval so as well as being safe to use, non-toxic and non-corrosive.

STERI-7 a genuine breakthrough in Biosecurity.

What is STERI-7 Reactive Barrier Technology?

Step 1

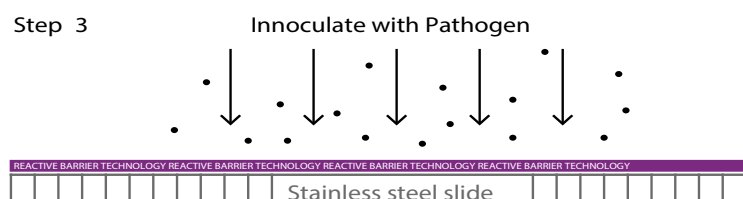


Step 2

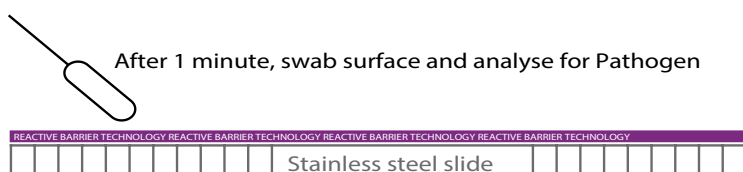
Leave STERI-7 to dry enabling the
Reactive Barrier Technology



Step 3



Step 4



Step 5

Result: No Pathogen



Repeat from Step 3 after 5 minutes, 30 minutes, 60 minutes and after 72 hours.
BUT REMEMBER, THIS WHOLE PROCEDURE IS AFTER JUST ONE APPLICATION OF STERI-7

Properties of an ideal disinfectant

Broad spectrum: should have a wide antimicrobial spectrum

Fast acting: should produce a rapid kill

Not affected by environmental factors: should be active in the presence of organic matter e.g., blood, sputum, feces.

Nontoxic: should not be harmful to the user or patient

Surface compatibility: should not corrode instruments and metallic surfaces and should not cause the deterioration of cloth, rubber, plastics, and other materials

Residual effect on treated surfaces: should leave an antimicrobial film on the treated surface

Easy to use with clear label directions

Odourless: should have a pleasant odour or no odour to facilitate its routine use

Economical: should not be prohibitively high in cost

Solubility: should be soluble in water

Stability: should be stable in concentrate and use-dilution

Cleaner: should have good cleaning properties

Adapted from A. Rutala,

Infect Control Hosp Epidemiol. 2014 Jul;35(7):855-65. doi: 10.1086/676877. Epub 2014 May 29.

Professor of Medicine, School of Medicine

Director, Statewide Program for Infection Control and Epidemiology

Director, Hospital Epidemiology, Occupational Health and Safety Program

Properties of STERI-7XTR

Broad spectrum: PROVEN wide antimicrobial spectrum

Fast acting: PROVEN 15 second kill

Not affected by environmental factors: PROVEN active in the presence of organic matter e.g., blood, sputum, feces.

Nontoxic: PROVEN not be harmful to the user or patient

Surface compatibility: PROVEN not to corrode instruments and metallic surfaces and does not cause the deterioration of cloth, rubber, plastics, and other materials

Residual effect on treated surfaces: PROVEN

Reactive Barrier Technology – Protection Between Cleans

Very **easy to use**

Odourless: choice of a pleasant odour or no odour to facilitate its routine use

Very **Economical**

Solubility: soluble in **all** water

Stability: stable in concentrate and all dilutions

Cleaner: excellent cleaning properties

Steri-7 XTRA Concentrate, ready to use & pre-impregnated wipes have been tested and approved under the new EN16615 procedure. This is a quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces, with mechanical action employing wiping with cloth in the medical area (4- field test). Test method and requirements (phase 2 step 2).

Why have previous test methods been deemed insufficient for evaluating disinfectant with a cloth or pre-impregnated wet wipes?

Previous EN Testing do not indicate how much active solution is released to the surface from the cleaning cloth or the pre-impregnated wipe.

Previous EN Testing gave no measurement of the impact of “mechanical” wiping action: where the physical force and motion of a person wiping the surface with a spray and wipe method or a saturated cloth or with a pre-impregnated wet wipe is taken into account.

No measure of whether the wiping action causes cross contamination: whether the cleaning cloth or pre-impregnated wipe carries microorganisms from one area of the surface and deposits them on another.

Why has a new method for testing the efficacy of pre-saturated wet wipes been developed?

Previous methods for testing the efficacy of disinfectant wipes were adopted from EN standards designed to test liquid disinfectants, not wet wipes. To conduct these tests, the disinfectant solutions are ‘squeezed’ from the pre-impregnated wipe material to account for any ‘loss’ of activity that might occur with the interaction between the wipe material and the active chemicals in the solution.

Why is EN16615 a more suitable and comprehensive test for the effectiveness a surface disinfectant when wiping with a cloth/pre-impregnated wet wipe?

Better replicates the practical use of cleaning and disinfectant cloths and disinfectant wipes in the ‘real world’.

Ensures there is no cross contamination caused by the use of wiping with a cleaning and disinfecting cloth or a pre-impregnated wet wipe

Confirms the compatibility between the chemical active in the disinfectant solution and the cleaning and disinfecting cloth or wet wipe material

STERI-7XTRA



MULTIPURPOSE SURFACE WIPES

Technical Information

Product Description

Wet a surface with STERI-7 XTRA Wipes and a few seconds later any bacteria, viruses and spores on that surface will be dead. But STERI-7 XTRA doesn't stop there. Leave it to dry and a reactive barrier is created on the surface.

Recommended usage

The STERI-7 XTRA Wipes can be used wherever the highest standards of disinfection is required and are suitable for use in healthcare and food processing environments and all other workplaces where there is a risk of cross contamination. The product has been tested against and is effective against a number of commonly occurring bacteria, yeast and viruses that are known to be highly transmissible and can result in infections and illnesses.

Features and benefits

- Reactive barrier technology protection between cleans
- High level disinfectant cleaner
- Non-corrosive
- Non-residual organoleptic effect on food
- Low toxicity
- Effective in soft or hard water
- No reported resistance
- Triple active reducing need to rotate products
- Maintains efficacy in heavy organic soiling, blood and proteins
- 100 % Plastic free
- Made from 100% Biodegradable Fibres

Characteristics

Perfume Free, wipe	
Active Ingredient	0.147% w/w Didecyltrimethylammonium chloride 0.086% w/w Benzalkonium chloride 0.0854% w/w N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine
Odour	Barely perceptible odour
Oxidising	Non-oxidising (by EC criteria)
Viscosity	Non-viscous
Flash point °C	>93
Relative Density	1
pH	7-8

Ingredients

CAS Number	Ingredient Name
7173-51-5	Didecyltrimethylammonium Chloride
68424-85-1	Benzalkonium chloride
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Instructions for use

Wipe surface spreading evenly and allow sufficient time to dry.

Regulatory compliance

STERI-7 XTRA is governed by the requirements of the Biocidal Product Directive (EU Regulation 98/8/EC). It is registered in every country that it will be sold. The product is labelled in accordance with the Biocidal Product Directive.

Safety Data Sheet

For information on safe handling an EC safety data sheet containing additional information is available on request for the STERI-7 XTRA Wipe. Please contact your local STERI-7 representative.

Safe handling and storage

Non-hazardous. Avoid contact with eyes. Full guidance on the PPE handling and disposal of this product is provided in a separate Safety Data Sheet.

STERI-7XTRA

BREAK

TREAT

PREVENT

MULTIPURPOSE SURFACE WIPES



STERI-7 XTRA Wipes 105

Product code: W105

Case contents	10
Case dimensions (L x W x H) (cm)	395 X 195 X 155mm
Net weight (Kg)	6
Cases per pallet	117
Cases per layer	13
Layers per pallet	9

PRODUCT RANGE

STERI-7 Xtra Ready to use 750ml



STERI-7 Xtra Concentrate 5 litre



STERI-7 Xtra Multipurpose wipes



STERI-7 Xtra HR20 Hand Sanitiser



STERI-7 Xtra Hand Wash



STERI-7 Xtra Antibacterial Shampoo