

STERI-7 XTRA Concentrate

Technical Information

Product Description

STERI-7 XTRA Concentrate is formulated to be diluted and dispensed for high volume cleaning solutions. STERI-7 XTRA Concentrate is low-foaming which makes it ideal in cleaning and scrubbing machines. This also represents the most economical way to purchase as it can be diluted up to 1:50.

Recommended usage

The STERI-7 XTRA Concentrate 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

Characteristics

Perfume Free, colourless, liquid	
Active Ingredient	1.47% w/w Didecyltrimethylammonium chloride 0.86% w/w Benzalkonium chloride 0.854% w/w Polyhexamethylene biguanide
Colour	Colourless, clear
Odour	Slight odour
Oxidising	Non-oxidising (by EC criteria)
Solubility in water	Soluble
Viscosity	Non-viscous
Flash point °C	>93
Relative Density	0.95 – 1.05
pH	Approx 7

Ingredients

CAS Number	Ingredient Name
7173-51-5	Didecyltrimethylammonium Chloride
68424-85-1	Benzalkonium chloride
32289-58-0	Polyhexamethylenebiguanide

Instructions for use

High Level = 1:10 General use = 1:50 Fogging = 1:10 - 1:50. When used in STERI-7 BioMister for fogging, please refer to our BioMist Technical Information Sheet.

Regulatory compliance

The STERI-7 Concentrate 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 Concentrate. Please contact your local STERI-7 representative.

Safe handling and storage

Wear suitable protective clothing and apparatus where appropriate. Avoid contact with eyes. Diluted STERI-7 XTRA Concentrate can be kept in a sealed container for up to 12 months. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet (see above).

For any more information about STERI-7 please contact us at : info@steri-7.com

STERI-7

PROTECTION BETWEEN CLEANS

Packaging Information



STERI-7 XTRA Sachet 50ml

Product code:

Case contents	200
Case dimensions (L x W x H) (cm)	39x18x7
Net weight (Kg)	6
Cases per pallet	60
Cases per layer	10
Layers per pallet	6

Barcode:



STERI-7 XTRA Concentrate 1000ml

Product code: CON1

Case contents	10
Case dimensions (L x W x H) (cm)	33x28x27
Net weight (Kg)	11
Cases per pallet	60
Cases per layer	12
Layers per pallet	5

Barcode:



STERI-7 XTRA Concentrate 5 litre

Product code: CON5

Case contents	4
Case dimensions (L x W x H) (cm)	39x28x30
Net weight (Kg)	21
Cases per pallet	50
Cases per layer	10
Layers per pallet	5

Barcode:

For any more information about our products and packaging please contact us at : info@steri-7.com

Bactericidal Efficacy

EN 1276 –

Test objective

Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas — Test method and requirements (phase 2, step 1)

Target organism	Contact Time	Dilution
Enterococcus hirae	45 secs	2%
Escherichia coli	45 secs	2%
Klebsiella pneumoniae NDM-1	5 mins	2%
Staphylococcus aureus	45 secs	2%
Pseudomonas aeruginosa	45 secs	2%
Acinetobacter Baumannii	5 mins	2%
Campylobacter jejuni	5 mins	2%
Salmonella typhimurium	30 secs	2%
Listeria monocytogenes	30 secs	2%
MRSA	30 secs	2%

EN 13623 –

Test objective

Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of bactericidal activity against Legionella of chemical disinfectants for aqueous systems. Test method and requirements (phase 2, step 1)

Target organism	Contact Time	Dilution
Legionella pneumophila	60 mins	0.2%
Legionella pneumophila	5 mins	2%

EN 13697 –

Test objective

Chemical disinfectants and antiseptics — Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas — Test method and requirements without mechanical action (phase 2/step 2)

Target organism	Contact Time	Dilution
Enterococcus hirae	30 secs	2%
Listeria monocytogenes	30 secs	2%
EMRSA	5 mins	2%
MRSA	30 secs	2%
Pseudomonas aeruginosa	1 mins	2%
Salmonella typhimurium	30 secs	2%
Staphylococcus aureus	1 mins	2%
Escherichia coli	30 secs	2%

EN 13727 –

Test objective

Suspension-based study formally used to evaluate bactericidal activity of products that are used in the medical area (e.g. hygienic handrub, hygienic handwash, surgical handrub, surgical handwash, instrument disinfection etc.)

Target organism	Contact Time	Dilution
Enterococcus hirae	1 mins	2%
Listeria monocytogenes	5 mins	2%
MRSA	5 mins	2%
Pseudomonas aeruginosa	1 mins	2%
Salmonella typhimurium	5 mins	2%
Staphylococcus aureus	1 mins	2%

EN 14349 –

Test objective

Chemical disinfectants and antiseptics. Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action. Test method and requirements (phase 2, step 2)

Target organism	Contact Time	Dilution
Proteus vulgaris	5 mins	2%
Pseudomonas aeruginosa	5 mins	2%
Staphylococcus aureus	5 mins	2%
Enterococcus hirae	5 mins	2%

STERI-7

PROTECTION BETWEEN CLEANS

Yeast, Mould & Fungi Efficacy

EN 1650 –

Test objective

Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas — Test method and requirements (phase 2, step 1)

Tested target organism	Contact Time	Dilution
Aspergillus fumigatus	15 mins	2%
Aspergillus Niger	15 mins	2%

EN 13697 –

Test objective

Chemical disinfectants and antiseptics — Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas — Test method and requirements without mechanical action (phase 2/step 2)

Tested target organism	Contact Time	Dilution
Candida Albicans	15 mins	2%
Aspergillus Niger	15 mins	2%

Virucidal Efficacy

EN 14476 – Quantitative suspension test for virucidal activity (in vitro)

Test objective

Suspension-based study used as a presumptive test to evaluate virucidal activity.

Tested target organism	Contact Time	Dilution
Norovirus	5 mins	2%
Feline Calicivirus	5 mins	2%

EN 14675 –

Test objective

Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area. Test method and requirements (Phase 2, step 1)

Tested target organism	Contact Time	Dilution
Koi Herpes Virus	20 mins	4%

ASTM E 1052

Test objective

The ASTM E1052 method is performed to determine the virucidal efficacy of a biocide against a test virus in suspension. The method may be used to establish the initial efficacy of several disinfectant active concentrations at various selected contact times. It is also used to determine the anti-viral effectiveness of liquid hand soaps, over-the-counter (OTC) topicals, and other antiseptics designed for use on the skin. The test is conducted according to the standards and methods accepted by the US Environmental Protection Agency (EPA) and Food and Drug Administration (FDA) for registration of the product as a virucidal agent.

Tested target organism	Contact Time	Dilution
Bovine viral diarrhea virus	5 mins	2%
Feline Calicivirus	5 mins	2%
Hepatitis C	5 mins	2%
Influenza A virus H1N1	5 mins	2%
SARS virus	5 mins	2%
HIV 1	5 mins	2%

AHVLA–

Tested target organism	Contact Time	Dilution
Avian Flu	30 mins	5%
NDV	30 mins	5%

For any more information about our testing and test results please contact us at : info@steri-7.com

Sporicidal Efficacy

EN 14347 –

Test objective

Chemical disinfectants and antiseptics – Basic sporicidal activity – Test method and requirements (phase 1)

Tested target organism	Contact Time	Dilution
Bacillus cereus	30 mins	2%
Bacillus subtilis	30 mins	2%

EN 13697 –

Test objective

Chemical disinfectants and antiseptics – Quantitative non-porous surface test for the evaluation of bactericidal and/ or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas – Test method and requirements without mechanical action (phase 2, step 2)

Tested target organism	Contact Time	Dilution
Clostridium Difficile	1 mins	2%
Bacillus subtilis	1 mins	2%

EN 13704 –

Test objective

Chemical disinfectants. Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas. Test method and requirements (phase 2, step 1).

Tested target organism	Contact Time	Dilution
Clostridium Difficile	1 mins	2%
Clostridium perfringens	5 mins	2%

Micobacterium Efficacy

EN 14204 –

Test objective

Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area. Test method and requirements (phase 2, step 1)

Tested target organism	Contact Time	Dilution
Mycobacterium fortuitum	5 mins	2%

EN 14348 –

Test objective

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants – Test method and requirements (phase 2, step 1)

Tested target organism	Contact Time	Dilution
Mycobacterium terrae	30 mins	2%

EN 14563 –

Test objective

Chemical disinfectants and antiseptics - Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants for instruments used in the medical area – Test method and requirements (phase 2, step 2)

Tested target organism	Contact Time	Dilution
Mycobacterium avium	3 mins	2%
Mycobacterium terrae	3 mins	2%
Mycobacterium fortuitum	3 mins	2%