

STERI-7

WORLDWIDE

STERI-7 XTRA



HR20 Personal Protection - Hand & Surface Spray



Benefits

- ISO 10993-10 Tests for irritation and Skin sensitisation
- Works rapidly against many common micro-organisms in as little as 30 secs
- Kills up to 99.999% of common bacteria that can cause infection, contamination or illness
- Contains Glycerin Kind to hands without drying the skin
- Dye and fragrance free formulation
- Excellent for alcohol restricted applications
- Compatible with a wide range of materials
- Active against enveloped viruses (e.g. Coronavirus, Hepatitis B, HIV)

STERI-7 XTRA HR20 Personal Protection - Hand & Surface Spray

Technical Information

Product Description

STERI-7 Xtra HR20 Personal Protection Hand Spray is a fast acting non-alcohol based hand Sanitiser & Surface Disinfectant.

Recommended usage

The STERI-7 Xtra HR20 Personal Protection Hand Spray can be used wherever the highest standards of hand hygiene and Surface are required. Suitable for use in healthcare environment 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 envelope viruses that are known to be highly transmissible and can result in infections and illnesses.

Features and benefits

- ISO 10993-10 Tests for irritation and Skin sensitisation
- Works rapidly against many common micro-organisms in as little as 30 secs
- Kills up to 99.999% of common bacteria that can cause infection, contamination or illness
- Contains Glycerin Kind to hands without drying the skin
- Dye and fragrance free formulation
- Excellent for alcohol restricted applications
- Spray formulation allows quicker and more effective application
- Active against enveloped viruses (e.g. Coronavirus, Hepatitis B, HIV).

Characteristics

Non scented, colourless, opaque, liquid	
Active Ingredient	0.6% w/w Didecyldimethylammonium chloride
Colour	Colourless, clear
Odour	Slight odour
Oxidising	Non-oxidising (by EC criteria)
Solubility in water	Soluble
Viscosity	Non-viscous
Flash point °C	>63
Relative Density	1
pH	7

Instructions for use as Hand Sanitiser

Hand rub for use in the absence of water on physically clean hands spray and rub STERI-7 HR20 Personal Protection on to the hands rub for 30 seconds - 1 minute.

Instructions for use as Surface Disinfectant

Remove heavy soil deposits from surface. Then thoroughly wet surface with Steri-7 Xtra HR20 Personal Protection Spray and wipe.

Regulatory compliance

The STERI-7 Hand Rub Personal Protection 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 Hand Rub Personal Protection Please contact your local STERI-7 representative.

Safe handling and storage

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



STERI-7

PROTECTION BETWEEN CLEANS

Bactericidal, Yeasticidal, Mycobactericidal

EN 1500 – Hygienic Handrub (in vivo)

Test objective

Hygienic hand cleansing for disinfection in medical situations like hospitals, clinics and nursing homes, as well as for general use in the workplace and home. The tests allow for the evaluation of the reduction of “transient microbial flora” (bacterial organisms) on hands when used by volunteers.

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Target organism	Results/Application Time
<i>Escherichia coli</i> K12	99.999% in 30 seconds

EN 13727 – Quantitative suspension test for bactericidal activity (in vitro)

Test objective

Test method for establishing whether a hand rub has bactericidal activity in the medical area.

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Target organism	Results/Application Time
<i>Staphylococcus aureus</i>	>99.999% reduction in 30 seconds
<i>Pseudomonas aeruginosa</i>	
<i>Escherichia coli</i>	
<i>Enterococcus hirae</i>	

ISO 10993-10 – Tests for irritation and skin sensitization

Test objective

The standard local lymph node assay (LLNA) is a validated and accepted method used for the identification of skin sensitising chemicals. In addition also used for measurement of potential contact allergens.

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Conclusion
“HAND RUB HR20” should not be considered as a skin sensitiser or contact allergen according to the results of Murine Local Lymph Node Assay.

EN 13624 –

Test objective

Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area— Test method and requirements (phase 2, step 1)

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Target organism	Results/Application Time
<i>Candida Albicans</i>	99.999% in 30 seconds

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)

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Target organism	Results/Application Time
<i>Mycobacterium terrae</i>	99.999% in 30 seconds
<i>Mycobacterium avium</i>	99.999% in 30 seconds

EN 13727 – Quantitative suspension test for bactericidal activity (in vitro)

Test objective

Test method for establishing whether a hand rub has bactericidal activity in the medical area.

STERI-7 XTRA Hand Rub tested at an Independent Laboratory:

Target organism	Results/Application Time
<i>Salmonella typhimurium</i>	>99.999% reduction in 30 seconds
<i>Listeria monocytogenes</i>	
MRSA	

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

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: Steri-7 Worldwide Ltd
Contact name: James Fraser
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Address: 34 Barn Grove. Mitcham, CR44EH
PO/Quote number: Q002091/1
Report Date: 02/03/2020
Issue Number: 1



Megan Barrett
Laboratory Manager



Peter Thistlethwaite
Technical Projects Manager

Test information	
Name of Product	Steri-7 Xtra HR20 Hand Rub
Batch Number & Expiry Date	LOT 362244 EXP 02.2023
Date of Delivery	17/02/2020
Period of Analysis	28/02/2020-02/02/2020
Manufacturer / Supplier	Steri-7 Worldwide Ltd
Storage Conditions	Ambient
Appearance of the Product	Clear liquid
Neutralisation Method	Dilution
Product Diluent	Distilled water
Test Concentrations	Neat
Experimental Conditions	Clean
Interfering Substance	Clean 0.3g/l Bovine Albumin
Test Temperature	20°C ± 1°C
Temperature of Incubation	37°C ± 1°C
Identification of the Viral Strains:	Feline coronavirus, Strain Munich
Contact Times	2 minutes ± 10s
Stability and Appearance During Test	No Change Observed

Test Result Summary

The test product has shown a log reduction of 4.00 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.

	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