



# CHEMGENE HLD<sub>4</sub>H

## Medical Device Surface Disinfectant



CHEMGENE HLD<sub>4</sub>H continues the trend of leading edge biosecurity technologies established by Medimark Scientific and represents significant developments in disinfectant technology.

The formula combines a blend of synergistic actives with a surface active detergent allowing a product that will clean and disinfectant at the same time, whilst demonstrating efficacy in soiled conditions.

The actives used in the HLD<sub>4</sub> formula are being supported under Article 95 of the Biocidal Product Regulations.

CHEMGENE HLD<sub>4</sub>H combines a formidable array of microbiological credentials with the enhanced facilities of faster and more effective anti-pathogenic activity.

Safety, Security and Simplicity have been enhanced too, allowing CHEMGENE HLD<sub>4</sub>H to offer economic dilutions for virtually all environmental challenges.

CHEMGENE HLD<sub>4</sub>H is manufactured in accordance with Quality Management System ISO 9001:2015, ISO13485:2016 and is biodegradable under OECD conditions.

## Medical Device Surface Disinfectant (class IIa)

The CHEMGENE HLD<sub>4</sub>H formula combines a surface active detergent designed to aid the product to be used in soiled conditions, whilst providing cleaning and disinfection efficacy.

The synergistic blend of technology and active ingredients enables CHEMGENE HLD<sub>4</sub>H to work quicker than comparable disinfectants and ensure that apoptosis (cell death) is achieved rather than merely suspending activity as with some products.

### A safer to use disinfectant all round

Health and safety issues and product compatibility are of real importance to everyone. We encourage all users of chemical products to pay special attention to the advisory statements within Material Safety Data Sheets and upon product labelling.

## APPLICATIONS

- For bio-hazard contamination (blood, urine, vomit etc.) dilute to 1:10 (10%). To make ready-to-use solution, dilute 50ml of concentrated product in 1 litre of water of a suitable quality
- Wash down all surfaces with disinfectant at 1:10 (10%) and dry with paper towel or allow to dry naturally.
- For low level disinfection of organisms in dirty conditions, dilute at 1:50 (2%).
- For general disinfection of floors and walls, dilute at 1:100 (1%). To make ready-to-use solution, dilute 10ml of concentrated product in 1 litre of water of a suitable quality.
- See application sheets for further information.
- CHEMGENE HLD<sub>4</sub>H wipes can also be used to wipe surfaces and be allowed to dry.
- CHEMGENE HLD<sub>4</sub>H Medical Surface Disinfectant is available in 1 litre self dosing concentrate, 5 litre concentrate and also ready-to-use 750ml trigger spray diluted at 1:10.



## MICROBIOLOGICAL EFFICACY

CHEMGENE HLD<sub>4</sub>H has been tested effective against:

<b>FUNGICIDAL ACTIVITY</b> <i>Trichophyton rubrum</i> <i>Candida albicans</i>	<b>MYCOBACTERICIDAL ACTIVITY</b> <i>Mycobacterium terrae</i> <i>Mycobacterium avium</i>
<b>VIRUCIDAL ACTIVITY</b> Hepatitis B Herpes Simplex Norovirus Vaccinia Adenovirus	<b>BACTERICIDAL ACTIVITY</b> <i>Pseudomonas aeruginosa</i> <i>Escherichia coli</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i> <i>Legionella pneumophila</i> <i>Salmonella typhimurium</i> <i>Listeria monocytogenes</i> Methicillin-resistant <i>Staphylococcus aureus</i> Methicillin-resistant <i>Staphylococcus pseudointermedius</i>
<b>BACTERIOPHAGE ACTIVITY</b> <i>Lactococcus lacti</i>	

## MATERIALS COMPATIBILITY

Independent laboratory testing demonstrates no corrosion or deterioration of the following materials, even after long-term repeated immersions:

Rubber compounds, plastics, fiberglass, stainless steel, mild steel, aluminium, copper, brass and other materials found in clinical practice, in particular synthetic floors, instruments and devices.

Following testing by the department of Biochemistry at Cambridge University, HLD<sub>4</sub> formulation was proven to precipitate / denature double stranded DNA/RNA.

CODE	SIZE	CASE QUANTITY
<b>XTM302</b>	<b>750ml</b>	<b>6</b>
<b>XTM304</b>	<b>1 Litre</b>	<b>6</b>

### USE BIOCIDES SAFELY

**ALWAYS READ THE LABEL  
AND PRODUCT INFORMATION  
BEFORE USE**



The details given in this leaflet are correct at the time of going to press. The company reserves the right to change and improve products without prior notice

Manufactured in the UK

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