

PROTECTION FROM MULTI-DRUG RESISTANT PATHOGENS FOR MEDICAL CARE FACILITIES

EFFECTIVE
AGAINST
ESKAPE
BACTERIA



At Byotrol, we understand that keeping medical care environments clean and preventing infection is everyone's responsibility. Only by working collaboratively can we successfully prevent the spread of pathogenic microorganisms which threaten the health of patients, staff, and visitors.

Effective infection prevention and control (IPC) measures are essential to enable healthcare professionals to carry out their daily tasks and care for patients, safe in the knowledge that the environment around them is cleaned and disinfected to consistently high standards.



Effective against
MDR pathogens



Recycled plastic
packaging*



Biodegradable
ingredients



Chlorine-free

For over a decade, CHEMGENE has been utilised by healthcare organisations around the world, to ensure that hospitals, clinics and other medical care environments can be cleaned and disinfected, quickly and effectively, to a consistently high standard.

CHEMGENE's unique new formulation uses a combination of active substances, resulting in less risk of antimicrobial resistance (AMR). The optimised balance of efficacy with active concentration has resulted in a superior disinfectant which is exceptionally effective on a range of pathogenic microorganisms.

Areas of Use

CHEMGENE MEDLAB Multi-Surface Disinfectants are suitable for the cleaning and disinfection of walls, floors, surfaces, furniture, frequent touch-points and non-critical equipment in a range of environments. These include entrances, receptions areas, corridors, offices, catering, chapels & prayer rooms, wards, urgent care areas, and education centres.

Flexible Easy-to-Use Formats

CHEMGENE MEDLAB Multi-Surface Disinfectant can be diluted to 1% for general cleaning and disinfection, and diluted to 10% for high-risk areas and bodily fluid spillages. The one litre self-dosing format has volume markers to aid consistently correct dilution of the concentrate. A pelican pump is available for the 5 litre format, which delivers a 10ml dose and reduces the risk of spillages during dilution.

Reusable Packaging

CHEMGENE 1 litre recycled HDPE bottles are printed with all safety information relevant to dilutions up to 10%. The EasySpray trigger ensures a more comfortable user experience with less fatigue even with repeated use. Colour-coded removable dilution stickers consistent with NHS guidance** are available to further improve compliance.

EXCEPTIONAL ANTIMICROBIAL ACTIVITY

Bactericidal, yeasticidal, virucidal and fungicidal.

Effective against a wide range of multi-drug resistant microorganisms including *Candida auris* fungus and ESKAPE bacteria; *Enterococcus faecium*, *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Pseudomonas aeruginosa*, and *Enterobacter* spp.

CHEMGENE has been tested to the following European PT2 test standards:

Medical: EN 13727 (bactericidal)

EN 17387 (bactericidal)

EN 13624 (yeasticidal, fungicidal)

EN 17387 (yeasticidal, fungicidal)

EN 16777 (virucidal – all enveloped viruses)

EN 16777 (Adenovirus, Norovirus)

Domestic: EN 14476 (virucidal – all enveloped viruses)

EN 14476 (Adenovirus, Norovirus)

Other: EN 13623 (Legionella)

EN 13610 (bacteriophage)

Added benefits:

- Biodegradable formulation
- Effectively denatures DNA & RNA
- Available in 1 litre and 5 litre formats
- Economical dilution rates from 1%
- Compatible with a wide range of materials including stainless steel, copper, aluminium, mild steel, nylon, rubber and acetal
- Range utilises post-consumer recycled packaging*
- Diluted solution remains effective for 3 months
- Reusable 1 litre bottle with EasySpray trigger reduces plastic waste
- Manufactured in the UK



Product	Size	Reorder code	Units per case	Cases per layer	Layers per pallet
CHEMGENE MEDLAB Multi-Surface Disinfectant – Un-fragranced	1L	SKU074A	6	20	4
	5L	SKU075A	2	20	4
CHEMGENE MEDLAB Multi-Surface Disinfectant – Eucalyptus	1L	SKU076A	6	20	4
	5L	SKU077A	2	20	4
CHEMGENE Reusable Trigger Spray (100% PCR)	1L	SKU084A	5	22	5
Colour-Coded Dilution Stickers (four colours)	200 labels	ANC018	1	N/A	N/A
Pelican Pump for 5L Jerry Can	10ml dosage	ANC017	4	N/A	N/A

Not to be used to disinfect medical devices.

Use biocides safely. Always read the label and product information before use. Dilution rates vary, please read label on pack carefully and contact Byotrol for further information.

* 5L bottle contains 35% recycled plastic, 1L self-dosing bottle contains 50% recycled plastic, 1L reusable spray bottle contains 100% recycled plastic. All packaging is recyclable after use.

** Colour of dilution stickers match guidance from NHS England Commitment to Cleanliness Charter 2021.

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