

# PROTECTION FROM PATHOGENIC MICROORGANISMS FOR SPECIALIST LABORATORY ENVIRONMENTS

EFFECTIVELY  
DENATURES  
DNA/RNA



At Byotrol, we understand the complex requirements and microbiological challenges that laboratory professionals face every day.

Effective biosecurity measures are essential to enable personnel in pharmaceutical, life sciences and quality control laboratories to carry out their daily tasks, safe in the knowledge that they are protected from the risk of infection, even in the presence of organic spillages.

For over a decade, CHEMGENE has been utilised by laboratories across the world, to ensure that equipment and instruments can be routinely cleaned and disinfected to a consistently high standard.

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



Denatures DNA/RNA



Non-corrosive\*



Biodegradable  
ingredients



Alcohol-free  
formulation

## Equipment & Instrument Compatibility

CHEMGENE MEDLAB Multi-Surface Disinfectants are suitable for the cleaning and disinfection of surfaces, instruments and equipment in a laboratory setting including benches, shelves, fridges, water baths, centrifuges, incubators, discard jars, pipettes and non-medical devices.

Powered by  
  
**CHEMGENE**



## Flexible Dilution Rates

CHEMGENE MEDLAB Multi-Surface Disinfectant can be diluted to 1% for general disinfection and diluted to 10% for high-risk and biohazard conditions. The 1 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 stickers ensure dilution rates and dates are recorded, avoiding the use of expired diluted product and improving compliance with protocols.

## EXCEPTIONAL ANTIMICROBIAL ACTIVITY

Bactericidal, yeasticidal, virucidal & fungicidal.

Effective against a wide range of pathogens including HIV, Hepatitis B & C, Herpes Simplex virus, Norovirus, Coronavirus and many more.

### 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
- \*Formulation is non-corrosive in use
- Available in 1 litre and 5 litre formats
- Concentrate with economical dilution rates
- Compatible with a wide range of materials including stainless steel, copper, aluminium, mild steel, nylon, rubber & acetal
- Range utilises post-consumer recycled packaging
- Registered in the UK
- Diluted solution remains effective for 3 months
- Reusable 1 litre bottle with EasySpray trigger
- Colour-coded dilution labels available

## Reliable Regulatory Compliance

CHEMGENE is compliant with regulations in the UK & EU including CLP, REACH and the Biocidal Products Regulation (BPR) including Article 95.



| Product   | Size        | Reorder Code | Units per case | Cases per layer | Layers per pallet |
|---|-------------|--------------|----------------|-----------------|-------------------|
| <b>CHEMGENE MEDLAB Multi-Surface Disinfectant - Un-fragranced</b> | 1L          | SKU074A      | 6              | 20              | 4                 |
|   | 5L          | SKU075A      | 2              | 20              | 4                 |
| <b>CHEMGENE Empty Trigger Spray</b>                               | 1L          | SKU084A      | 5              | 22              | 5                 |
| <b>Colour-coded Dilution Labels (4 colours)</b>                   | 200 labels  | ANC018       | 1              | N/A             | N/A               |
| <b>Pelican Pump for 5L Jerry Can</b>                              | 10ml dosage | ANC017       | 4              | 32              | 192               |

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.

### Byotrol Technology Ltd

Building 303 (Ashton),  
Thornton Science Park, Pool Lane,  
Ince, Chester, CH2 4NU, UK  
Tel: +44 (0) 1925 742 000

[www.byotrol.com](http://www.byotrol.com)  Byotrol plc