

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

### **SURFACE CLEANING AND HIGH LEVEL DISINFECTION/SANITISING**

It is essential to adhere to the cleaning policy of the hospital, surgery or establishment involved. Remove the worst of the detritus and soilage prior to cleaning/disinfection. CHEMGENE HLD<sub>4</sub>H High Level Medical Surface disinfectant can be used to wash, wipe, spray, soak or fog areas, surfaces and equipment

### WORKTOPS/EQUIPMENT

- Wash down all surfaces with disinfectant at 1:20 and dry with paper towel or allow to dry naturally. Alternatively CHEMGENE HLD<sub>4</sub>H RTU trigger spray can be used on medical devices according to recommendations.
- CHEMGENE HLD<sub>4</sub>H wipes can also be used to wipe medical device surfaces

### DEVICE IMMERSION

- Non critical devices can be soaked in CHEMGENE HLD<sub>4</sub>H if required during period of high risk in a solution of 1:50 for 20 minutes
- Fabrics can be soaked in a solution of CHEMGENE HLD<sub>4</sub>H at 1: 50 for 10 minutes. They can also be washed in an automatic washing using 80ml per 4 kg load during a normal washing cycle

### FOGGING AND PRESSURE WASHING

- Where applicable CHEMGENE HLD<sub>4</sub>H can be used in pressure washing machines at a dilution of 1:100 rinsed and allowed to dry
- Where aerial fogging is required, non fragranced product should be used at a dilution of 1:200. Masks should be worn and the area vacated until dry

CHEMGENE HLD<sub>4</sub>H users can rely on one dilution (1:50) for high level disinfection activity (supported by independent testing) in soiled conditions against viruses, mycobacteria, fungi and bacterial organisms CHEMGENE HLD<sub>4</sub>H concentrate should be diluted with water. Recommended dilutions are as follows:

**Heavy soilage and High risk areas 1:50 (2%)**

**In the presence of blood 1:20 (5%)**

Contact times for effective disinfection will vary according to the cleanliness of the surface. CHEMGENE HLD<sub>4</sub>H is effective against most bacteria and more resistant micro-organisms after 5 minutes.

For use in breast screening units, x-ray departments, mortuaries, intensive care units, pathology and histopathology units, emergency services, community nursing, immuno compromised units, A & E etc.

# TECHNICAL BULLETIN 006

AREA OF USE	Recommend ed Dilution	ml. per 5 litre	ml per 500ml
Floors/walls	1:100	50ml	5ml
Trolleys, bedpans, plastic coated mattresses etc	1:50 *	100ml	10ml
Theatres – operating tables, trolleys, equipment, lights etc.	1:50 *	100ml	10ml
Specialist wards/depts. (renal, Immuno- compromised, A & E, ICU etc.	1:50	100ml	10ml
Breast screening units/Radiology	1:50 *	100ml	10ml
Mortuaries/pathology	1:50	100ml	10ml
Hospital laboratories	1:50	100ml	10ml
Body spills (blood, faeces, urine, vomit etc.)	1:20	500ml	25ml

CE Marked medical device product should be used.

5 litre containers can be supplied with pump dispensers that each deliver 25ml of concentrate solution. These are recommended when dispensing the product into 5 or 10 litre buckets. For accuracy we recommend the use of the 1 litre self-dosing container for diluting into trigger sprays and small containers.

CHEMGENE **HLD4H** WIPES are impregnated with CHEMGENE **HLD4H** High Level Disinfectant and can be used to disinfect all surfaces. Where equipment may subsequently come into contact with sensitive areas like the face, it is recommended that the equipment be rinsed before use.

Medimark Scientific Ltd encourages all users of chemical products to pay special attention to the advisory statements within the Safety Data Sheets and upon product labelling. The details given in this application sheet are correct at the time of going to press.

The Company reserves the right to change and improve the products without prior notice.

TECHNICAL ADVISORY SERVICE 22<sup>nd</sup> August 2014

MED/APP/006/3