



REPRODIS HLD₄I

High Level Instrument Disinfectant



REPRODIS **HLD₄I** is a new class of High Level Instrument Disinfectant which combines, secure microbiological credentials with safety in use and a comparatively rapid activity for the chemical reprocessing of surgical instruments, flexible or rigid endoscopes and devices. The product is primarily designed for open tank use but its unique flexibility renders it also suitable for other medical apparatus including ultrasonic baths. REPRODIS **HLD₄I** displays none of the harmful characteristics of glutaraldehyde or PHMB based disinfectants and may safely be used as a direct substitute for these without air-conditioning. It is faster-acting, safer to use and more economic in use, sterilising in 10 mins.

The non-oxidising formulation is safer for instruments than both peracetic acid and chlorine compound products.

Independent testing has shown that REPRODIS **HLD₄I** will not harm sensitive instruments including flexible fibre optic instruments. REPRODIS **HLD₄I** is highly economical in use too. The cost per working litre is less than that of the 2% activated glutaraldehyde which it is designed to replace.

REPRODIS **HLD₄I** is manufactured in accordance with a Quality Management System accredited to ISO 9001 :2008.

MICROBIOLOGICAL FACTS

Tested under EN protocols including:

- EN 14347 Sporicidal activity
- EN 1657 Fungicidal activity
- EN 1656 Bactericidal activity
- EN 14476 Virucidal activity
- EN 14204 Mycobactericidal activity

HEALTH & SAFETY FACTS

- Non-sensitising
- Non-fuming
- Non-corrosive
- Air conditioning not required
- Gloves and eye protection advised

MATERIALS COMPATIBILITY

- No adverse impact on metallic or non-metallic components of flexible endoscopes
- Non-damaging to electro-plating
- No adverse impact on dental products tested including amalgam

PACKAGING CHOICES

PACK SIZE

500ml

1 Litre

2 Litre

5 Litre

STERILISING

Sterilising is generally accepted as the destruction of all microbial life including highly resistant bacterial spores. REPRODIS HLD₄I passes test EN 14347 against bacterial spores.

Contact times

- Bactericidal, Fungicidal and Virucidal protection - 10 minutes
- Immuno compromised protection - 10 minutes
- Sporicidal protection - 10 minutes

COMPOSITION:

Alcohols C9-C11 Ethoxylated 1-5% , Quaternary Ammonium Compounds, Benzyl-c12-14 (Even-numbered)-Alkyldimethyl 1-5%, Chlorides, (3-Aminopropyl) Dodecylamine 1-5%, Didecylmethylammonium Chloride 1-5%, Chlorhexidine Digluconate < 1%.

DIRECTIONS FOR USE

To prepare 1 litre of REPRODIS HLD₄I ready-to-use solution

- Prepare 950ml of water
- Add 50ml of REPRODIS HLD₄I concentrate into 950ml of prepared water
- Stir gently to ensure mixing
- Larger quantities can be prepared using the same ratios, e.g. for 5 litres prepare 4750ml of water and add 250ml of concentrate, for 15 litres use 750ml of concentrate and make up to level with water

Rigid endoscopes and other instruments/devices

- Immerse in proteolytic enzyme cleaner and wash clear of all debris
- Rinse thoroughly and dry
- Totally immerse in REPRODIS HLD₄I Instrument Disinfectant for recommended time
- Remove and rinse in filtered or sterile water
- Dry and store in approved conditions

Flexible endoscope cleaning and disinfection

- Immerse disassembled endoscope in warm water and proteolytic enzyme cleaner. Wash the outside with disposable sponges or swabs and brush the distal end with a small brush
- Remove valves, clean and disinfect in REPRODIS HLD₄I Instrument Disinfectant for recommended time (see below)
- Brush clean the biopsy-suction channel
- Rinse all parts thoroughly and dry
- Totally immerse the scope in REPRODIS HLD₄I Instrument Disinfectant for recommended time (see below) to achieve high level disinfection
- Rinse thoroughly with filtered or sterile water, as required
- Dry and store in approved conditions
- If the instrument is to be re-used immediately, purge all rinse water from the channels, dry exterior surface with a soft lint-free cloth and re-assemble for use

Caution

Standard infection control practice is to rinse, dry and store instruments in sterile conditions following any chemical disinfection. It is not a recommended practice to exceed the soaking time or to leave instruments in the disinfectant solution overnight.



Medinostic Health Care (Pvt.) Ltd.



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

Manufactured in the UK

Medichem International (Marketing) Ltd.

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Medimark Scientific is a trading name of Medichem International (Marketing) Ltd.