

MEDDIS Data Sheets

MeDDIS

High Level Instrument Disinfectant

MeDDis 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. MeDDis displays none of the harmful characteristics of glutaraldehyde 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 to > Log 6 in 30mins. The non-oxidising formulation is safer for instruments than both peracetic acid and chlorine compound products.

Tests by leading universities have shown that MeDDis will not harm sensitive instruments including flexible fibre optic instruments. MeDDis is highly economical in use too. A solution of concentrate can last up to 14 days and its efficacy can be tested by a simple immersion test strip. The cost per working litre is less than that of the 2% activated glutaraldehyde which it is designed to replace. MeDDis is manufactured to BS EN ISO 9001:2000 and BS EN ISO 13485:2003 quality standards and carries the CE mark of conformity.

T H E S C I E N C E O F I N F E C T I O N C O N T R O L

MICROBIOLOGICAL FACTS

- Tested under Hospital Infection Research Laboratory protocols (Mycobacteria and bacterial spores)
- Sporicidal Log 6 result under EN13704
- Tested under EN protocols 14204, 13624 and 13727
- Virus tested under EN14476 and by UK teaching hospitals
- Tested under UK, French, German and EN1276 protocols

STABILITY

- Once diluted to the working strength of 5% from concentrate, MeDDis will remain active for up to 14 days.

EFFICACY TESTING

- The MeDDis efficacy test kit is a simple-to-use method of ensuring that a prepared solution maintains adequate power to re-process an instrument. The kit contains: 50 Test Probe Strips, 5ml syringe, 250ml measuring container, full use instructions. The test works on the principle that the power of key actives reduce over time either by presence of further diluent, organic soil or natural degradation. A colour change indicated on a test strip gives 'yes/no' decision. A test takes less than 2 minutes to complete.

HEALTH & SAFETY FACTS

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

MATERIALS COMPATIBILITY

MEDDIS Data Sheets

- Tested on materials of construction of medical instruments by School of Metallurgy and Materials, University of Birmingham
- 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

CODE PACK SIZE

WILL MAKE

Md309 250ml concentrate 5 litres of ready-to-use (12 x 250ml pack) solution
Md311 2 litre concentrate 50ml measure will make 1litre of measure chamber of ready-to-use solution
Md307 20 x 50ml concentrate Add 1 sachet to 950ml of water for 1litre of ready-to-use solution

DIRECTIONS FOR USE

To prepare 1 litre of MEDDIS ready-to-use solution

- Prepare 950ml of water
- Add 50ml of MEDDIS 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 (MEDIZYME) and wash clear of all debris
- Rinse thoroughly and dry
- Totally immerse in MEDDIS Instrument disinfection 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 (MEDIZYME). wash the outside with disposable sponges or swabs and brush the distal end with a small brush
- Remove valves, clean and disinfect in MEDDIS Instrument disinfectant for recommended time (see below)
- Brush clean the biopsy-suction channel
- Rinse all parts thoroughly and dry
- Totally immerse the scope in MEDDIS 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

Contact times

- Bactericidal and Fungicidal protection -10 minutes
- Virucidal protection - 10 minutes
- Tuberculocidal protection - 30 minutes
- Immuno compromised protection - 30 minutes
- Sporocidal protection - 30 minutes

Caution

Standard infection control practice is to rinse, dry and store instruments in a sterile method following any chemical disinfection. It

MEDDIS Data Sheets

is not a recommended practice to exceed the soaking time or to leave instruments in the disinfectant solution overnight.

The details given in this leaflet 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 LTD

For more information on our products or for technical support contact:
08452 22 33 44 info@medichem.co.uk www.medichem.co.uk

T H E S C I E N C E O F I N F E C T I O N C O N T R O L