

Glutradex[®]

High-Level Instrument Disinfectant

Active Ingredients

Glutaraldehyde 2.45% w/v | 2.00% w/v

Immersion Time:

High-level disinfection 45 minutes

Cold soak sterilization 10 hours

Re-use Life:

Glutaraldehyde 2% activated solution 14 days

Glutaraldehyde 2.45% activated solution 28 days

About

Glutradex is a saturated dialdehyde solution that has gained wide acceptance as a high-level disinfectant and chemical sterilant. Glutradex solution is acidic in nature. The solution becomes sporicidal when the solution is "activated" using the activator provided with Glutradex making it alkaline by use of alkalizing agents to pH 7.5 – 8.5. Once activated, the solution has shelf-life of 14 days or 28 days because of the polymerization of the glutaraldehyde molecules at alkaline pH levels. This polymerization blocks the active sites (aldehyde groups) of the glutaraldehyde molecules that are responsible for its biocidal activity. Glutradex will last in an automatic endoscope reprocessor before reaching its MEC after 40 cycles. Glutradex 2.45% ensures efficient microbicidal activity. Glutradex 2.45% solution after decreasing maintains the effective concentration 2.0% which is recommended by the CDC guidelines.

Salient Features

- ✓ Excellent biocidal properties.
- ✓ Activity in the presence of organic matter (20% bovine serum).
- ✓ Non-corrosive action to endoscopic equipment, thermometers, rubber, or plastic equipment.
- ✓ High-level disinfectant.



- ✓ Sporicial
- ✓ Virucidal
- ✓ Tuberculocidal
- ✓ Fungicidal
- ✓ Bactericidal



Redefining Hygiene...



✓ Instrument Cleaning:

✓ Step 1: Pre-disinfection

Rinse the medical device with a water and immerse in a pre-disinfectant product like **ZYMOKLEEN**, an Enzymatic cleaner to remove sediments of blood, secretions, detritus, rest of tissues and fat.

Rinse thoroughly.

For endoscopic equipment: the internal and external parts of the medical device.

✓ Instrument Disinfection:

✓ **Step 2:** Pour 5litres of Glutradex Solution in an instrument immersing tray.

✓ Step 3: Activation

Add total contents of the activator in 5L of Glutradex solution to activate the solution.

✓ Step 4: Disinfection

Immerse the instruments and scopes in the activated Glutradex Solution. Keep lid on soaking tray.

✓ Immersion time:

Cold soak sterilization - 10 hours at 20°-25°C.

✓ **Step 5:** Remove instruments from Glutradex solution. Rinse thoroughly the medical device with sterile or filtered water (0.2µm) the internal and external parts of the medical device.

✓ **Step 6:** Dry with a single-use towel. Keep the medical device as aseptically as possible up to use it again.

Areas of Application

- ✓ Instruments made of metals, porcelain, glass, plastic, stainless steel, ceramics, and rubber.
- ✓ Rigid and flexible endoscopes.
- ✓ Diamond cutting burs, root canals and hand set instruments, etc.

Precautions

- ✓ Use in well ventilated areas.
- ✓ Keep lids on soaking trays at all times, except when instruments are removed or added to the solution.
- ✓ Avoid direct skin contact.
- ✓ Wear rubber gloves while cleaning and disinfecting medical devices.
- ✓ Pre-clean instruments with instrument cleanser after rinsing under running water (before sterilization) for optimum results.

Product Specification

- Colour** : Green
- Shelf life** : 3 years
- Pack size** : 5L

A product of:
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