

Instruments



Description

A ready to use, Orange scented Hospital Level Disinfectant for Instrument Immersion in Professional Settings

Test Results

2 hours

Bacillus subtilis ATCC 6633

Geobacillus stearothermophilus ATCC 12980

Not presently registered as a High Level Disinfectant

60 seconds

Mycobacterium bovis BCG (5% soil/bioburden)
Mycobacterium terrae ATCC 15755 (5% soil)

20 seconds (10% soil/bioburden)

Pseudomonas aeruginosa ATCC 15442

Salmonella enterica (choleraesuis) ATCC 10708

Staphylococcus aureus ATCC 6538

Escherichia coli NCTC 10541

Trichophyton mentagrophytes ATCC 9533

Trichophyton menghini ATCC 12106

Features

USP/Food Grade Ingredients

Kind

Rapid

Non-Corrosive Non-Staining

Client Friendly

Benefits

BioMERS contains biodegradable surfactants and USP grain derived absolute Ethanol. **BioMERS** does **NOT** contain Quats, phenols or aldehydes. Does **NOT** contain recently noted hormone disrupting surfactants based on Nonyl-phenyl Ethoxylates.

Gloves/Mask are NOT necessary as **BioMERS** is kind to skin. No irritating vapours like aldehydes or chlorines.

BioMERS reaches TB level disinfection in **one** minute. Compare with 20 to 90 minutes for glutaraldehyde and peroxide.

Will not corrode metals, even when chrome, stainless steel, carbide steel, brass or aluminum instruments are mixed. Plastic items such as hearing aids, splints, dentures, x-ray holders or cheek retractors, when soaked absorb 2 - 8% by weight of the disinfectant.

Mucosal or skin irritation caused by absorption of aldehydes, chlorines or phenols is eliminated with **BioMERS**.

Availability 500 mL Refill Pouch (case of 6) • 5 L Bulk Bag-in-Box

Protocol

Pour **BioMERS** into bath. Keep bath covered to prevent evaporation.

Immerse objects (Glass, Metal or Plastic) and Instruments (mixed metals) for a minimum of one minute and maximum 10 minutes.

BioMERS is ideal for disinfecting jewelry, dentures, hearing aids, mouthguards and splints. Irritation from most immersion disinfectants is well known to cause several types of dermatitis and stomatitis. **BioMERS** is kind to skin and does not require gloves.

Helpful Tips

USE FULL STRENGTH

Never dilute.

BioMERS may be used as a chairside/bedside pre-soak for instruments to reduce risk prior to transporting them to the sterilization area.

Avoid overnight soaking of rubber, non-crosslinked plastics or painted items. If uncertain about compatibility test with a drop of **BioMERS**

BioMERS is safe on skin for disinfecting minor cuts and abrasions.

Frequently Asked Questions

Should **BioMERS** be covered?

Yes, otherwise it will evaporate, thus reducing its ability to kill microorganisms as ethanol is an essential active ingredient.

How long is **BioMERS** good for?

The solution should be replaced when dirty, or when the level has reduced by more than 5%, or every week. This can also be monitored by a hydrometer (glass specific gravity instrument) as **BioMERS** has a relative density of .866 when compared with water at 1.

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