



Got A Minute?

CA DIN 02210711 / FDA D142278

Immersion Disinfectant

Contact Time < 1 Minute (less than)

Intermediate Level – Tuberculocidal, Bactericidal, Virucidal & Fungicidal in the presence of Bioburden

Colour: Orange | Scent: Orange, Peppermint, Eucalyptus



www.micrylium.com/warranty

Available Sizes:

1 L EcoPACK (02-MERS-001)

5 L EcoPACK (02-MERS-005)

Purpose:

BioMERS™ provides fast effective disinfection in the presence of bioburden, while minimizing the impact on the Environment, People and Equipment.

Suitable for:

Aseptic transport and immersion of medical devices and instruments. As per IPAC best practices, BioMERS™ provides protection from adhesion of bioburden. Bacteriostatic when diluted in solution like pumice.

Applied Asepsis Concepts:

Micrylium has a product development strategy based on what we call “Chair Theory”. The four legs of a chair give it balance. Most products do not have this balance. They may be one minute kill on TB, but 15 minutes on Polio. The chair legs concepts in Microbiology are Mycobacteria, non-enveloped viruses, fungal spores and gram negative bacteria. Our kill times are measured as the longest time to cover all benchmarks. BioMERS™ disinfects effectively in heavy blood/saliva and protein environments. Halogens (Cl, Br, I), Quaternary Ammoniums and Peroxides are reactive with proteins limiting their ability to perform in many clinical settings.

Quality Commitment:

Our vision of asepsis holistically links the patient/client safety with the safety of professional staff. Our chemistry is based on antiseptics of pharma grade (USP EP BP NF) origin. Quality Ingredients include biodegradable surfactants (many of which are plant based), USP grain derived absolute Ethanol and naturally derived scents. OECD 301D Tests conclude biodegradability (28 days). Our EcoPACK™ concept delivers fresh product (no Oxidation) and is fully recyclable. (EVOH bag/Recycled Corrugated Box)

Instructions for Use:

- 1) Carefully dispense BioMERS™ from the EcoPAK™ spigot into an instrument bath or covered container. Keep bath covered to prevent evaporation.
- 2) Immerse objects (Glass, Metal or Plastic) and Instruments (mixed metals) for a minimum of 1 minute. For plastics, silicone and acrylic a maximum of 10 minutes immersion is recommended. Stainless steel instruments can be left for up to 5 days in a closed bath or container.
- 3) BioMERS™ may be used chairside/bedside as a pre-soak for instruments to reduce risk prior to transporting them to the sterilization area.
- 4) BioMERS™ may also be used on heavily soiled devices or devices which have been contaminated with inks or oils to clean them prior to sterilization. Using BioMERS™ before sterilization can reduce the risk of cross contamination. Rinse with distilled or deionized water and dry before sterilization.
- 5) BioMERS™ can be used for disinfecting jewelery, dentures, hearing aids, mouth-guards and splints.

Caution: Use with care as the product is Flammable



Precautions:

USE FULL STRENGTH – Do Not Dilute. RTU (Ready To Use Formulation)

Do not use on surfaces that undergo rapid temperature changes.

AVOID CONCURRENT USE WITH BLEACH - Staining (yellow/brown) can occur. On some surfaces, including uniforms, this can be removed by soaking with Borax (Sodium Borate).

CAUTION - NOT FOR USE on acrylic latex painted surfaces or vinyl upholstery.

Avoid longer than 10 minutes contact time with rubber or silicone materials.

Helpful Tips:

Steam sterilization with regular validation and maintenance are the correct treatment for Medical Devices and Instruments requiring sterilization.

Best practice is Class B vacuum sterilization. Always rinse devices/tools and dry prior to placing in BioMERS™ to prevent dilution. Prior to sterilization, rinse and dry instruments. To ensure that the solution contains the appropriate amount of active ingredient (ethanol) use a Hydrometer. The reading should be .867 (+ - .02 at 20°)

See our website for specific details: www.micrylium.com/products



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