

Technical Data Sheet

Date: 01/06/2015

Product Code: LM-B1010
Description: Bioguard-S

Storage conditions : Room temperature
Shelf life : 60 months

Recommended use :

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Wear clothes adapted to the manipulation of the product (e.g: gloves, mask, overall ...)
- Do not expose to human skin
- May be irritating to eyes
- Do not swallow

The product is intended to be use in-vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.

Description :

Bioguard-S solution prevents contamination with and growth of fungi (and spores), bacteria (and spores) mycoplasma and viruses (including HIV and Hepatitis B).

The active ingredients are quarternary benzylammonium compounds, and the solution does not contain mercury, formaldehyde, phenol or alcohol.

Furthermore, Bioguard-S is non-toxic and biodegradable. It was also found it to be fully compatible with common work surfaces.

Principle of cleaning and disinfecting Incubators :

The problem of contamination in incubators and/or sterile work-benches is often a serious one, leading to extensive damage.

As soon as contamination appears in the incubator, it is very difficult to eliminate it, and severe damage can be caused. Therefore, it is essential to systematically clean and disinfect the incubator. It is recommended to disinfect every 14 days.

Instructions for use :

- Cleaning :

The shelves and surfaces of the incubator should be cleaned with soap and water. After washing with water, dry with absorbent paper.

- Disinfection of surfaces

Spray Bioguard-S directly on the contaminated surface until it is moistened completely. After 5 minutes wipe to dryness the surface with a paper towel. Spraying the workbench filter system is not recommended. Spray sterile benches once a day, or preferably before each laboratory worker begins to use the work area.

- Disinfection of laboratory apparatus

Moisten a paper towel with Bioguard-S and wipe off all surfaces of the apparatus. Wipe to dryness with a new paper towel.

- Disinfection of CO2 incubator surfaces

Spray thoroughly and leave on Bioguard-S for 5 minutes. Subsequently, wipe the surface of the incubator to dryness with a paper towel and ventilate for some minutes (incubator door open). Spray incubators once every 2 weeks (it is not necessary to empty the incubator before spraying).

Related products :

- For elimination of mycoplasmas in cell cultures, we recommend using our Nanomycopulitin® 20X (CAT N° : LM-A4116).
- For convenient and sensitive detection of mycoplasma contamination, we recommend using our Mycokit detection for conventional or Real-Time PCR (CAT N° : XC-K1380).
- For disinfection of water baths we recommend using our Bioguard (A/B) solutions (CAT N° : LM-B1020/LM-B1030).