

Room SafeGuard

Cat. No: P-CC-001

Size: 480mL

General Information

Product Form	Liquid
Storage	2-30°C ,Shading Light
Shipping	RT
Expiration date	24 months

Background

In cell culture, microbial contamination is a headache for researchers, and microbial contamination from the cell room, incubator, water bath, water tray is often easily overlooked. Room SafeGuard, developed by Elabscience, has a strong effect on killing bacteria and mold spores. It is mainly used for disinfection of fungi and bacteria in the cell room and CO2 incubator space and corners. This product is colorless and has a fragrance. It can be directly sprayed and used without any toxic side effects on the human body. It can effectively prevent microbial contamination by removing bacteria, fungi and spores in the cell room and CO2 incubator space and corners.

Instructions for use

Usage Method 1 (Cell Culture Incubator Disinfection):

1. After removing all the cells from the cell culture incubator, spray an appropriate amount of liquid directly onto the partitions and inner wall surfaces of the cell culture incubator. Alternatively, pour out a small amount of liquid and soak the absorbent cotton ball/gauze, and wipe it.
2. It is recommended to use this product once every 1-2 weeks. For better results, use together with Bath SafeGuard (P-CC-002) for constant temperature water baths or cellculture incubator water trays. During periods of contamination outbreaks, such as the rainy season, the usage amount can be appropriately increased.

Usage Method 2 (Cell Room Disinfection):

1. Spray directly onto the walls, and corners of the cell room. Alternatively, pour out a small amount and wipe the laboratory bench after soaking cotton balls/cloth with degreaser. It is recommended to perform this procedure weekly, and better results can be achieved by combining it with regular ultraviolet radiation.
2. The recommended spraying dosage is 5mL/m³. For example, for a cell room with an area of 10m² and a height of 2.6m, the recommended dosage is 130mL. Increase the dosage appropriately during contamination outbreaks, such as the rainy season. If mold growth is present on the cell room walls, spray this product directly onto the mold surface.

Usage Method 3 (Clean Bench Disinfection):

Spray the clean bench surface with this product every day or before each use. After spraying, no need to wipe and it can be used after air-drying naturally.

Notes

1. After disinfection on cell culture room and cell incubator with Room SafeGuard, seal the disinfected space for 15-30 minutes before reuse. It is suggested to use it with the daily ultraviolet radiation for better effect.
2. Wear a lab coat and disposable gloves for operation.

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