

Room SafeGuard

Cat. No. : P-CC-001

Size : 480mL

General Information

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

Background

In the process of cell culture, contamination is a headache for researchers. Among the contamination sources, researchers often ignore bacteria and fungi in cell rooms, incubators, water baths, and water trays. Based on accumulated experience for years in the field of cell culture, Procella has independently developed a set of solutions specific to environmental contamination, including cell room contamination, incubator contamination, water bath contamination, water tray contamination, etc.

With a strong function of inactivating bacteria and mold spores, Room SafeGuard is mainly used for the disinfection of fungi and bacteria in the cell culture room and CO₂ incubators. It is colorless and has a clear fragrance, and it can be sprayed directly without any toxic effects on the human body. By removing bacteria, fungi, and their spores in the cell room space and the incubator, it can effectively prevent microbial contamination, thereby reducing the waste of effort, money, time, and experimental materials caused by cell contamination.

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 5 mL/m³. For example, for a cell room with an area of 10 m² and a height of 2.6 m, the recommended dosage is 130 mL. 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. If the Room SafeGuard contacts with the skin, eyes, etc., wash immediately with plenty of water, and seek medical treatment immediately if necessary.
3. Wear a lab coat and disposable gloves for operation.