

An Effective Cold Sterilant

Care PTM

Cold Sterilant

Care-P is an effective cold sterilant based on Hydrogen Peroxide and Peroxyacids rendering it chlorine and silver free. It is non-toxic, bio-degradable & deodourising surface-, water- and aerial- disinfectant. It is ideally suited for the pharmaceuticals due to its unique properties of being a colourless, odourless and rapid acting liquid disinfectant. Care-P can be used conveniently where other chlorine-, aldehyde-, ethylene dioxide-chlorine dioxide-based disinfectants cause operational inconvenience/hazards. Care P is an effective TERMINAL STERILANT gives better operational convenience more effective than HPV/VHP.



CHARACTERISTIC FEATURES

- Hydrogen Peroxide and Peroxyacid (Proprietary Catalyst) combination
- Powerful Bactericidal, Viricidal, Sporocidal, Fungicidal Algicidal disinfectant by strong oxidation
- 1% concentration achieves complete
- Disinfection = 6 log reduction of Bio-burden in 15 min
- Sterilization = 12 log reduction of Bio-burden in 5 hr
- Effectively eliminates Biofilms
- Non Toxic, NonCarcinogenic, Aldehyde vapours free,
- Chlorine free, Ozone free, Biodegradable, Ecofriendly

APPLICATIONS OF CARE P

- **Aerial Disinfection :**
Use Care P at 2% concentration.
- **Surface Disinfection :**
Use Care P at 2.5% concentration.
- **Water Disinfection :**
Use Care P at 30 PPM concentration.

AREAS OF APPLICATIONS

Care P is suitable for health, pharma and hospital industries.
It is a suitable disinfectant for :

- Clean rooms
- Isolators
- Packaging Area
- Hand Sanitizer
- Sterile Areas
- Filling Stations
- Process Water
- Utensils

AREAS OF APPLICATION

1. Aerial Disinfection :

Care P provides safe and rapid aerial disinfecting options and an ideal replacement for Formaldehyde/Chlorine dioxide/Plasma Hydrogen peroxide/Hydrogen peroxide-silver combinations.

Volume of Area

to be fumigated : 5000 cu.ft.

Procedure : Prepare a 2% (20ml Care P + 980ml DM Water) solution of Care P with water and fog it using an aerosoling machine that can generate a 0.02 - 0.2 micron particle size mist/fog, from AHU

Fogging Time : Half an hour (30 minutes)

Contact Time : One hour (60 minutes)

2. Surface Disinfection :

0.5% w/v (0.5 ml in 100 ml of water) solution of Care P for floor mopping and walls.

3. Instrument Disinfection :

Dip surgical instruments in 2.5% solution of Care P for 30 minutes.

4. Equipment Surfaces :

Wipe Equipment surfaces with 2.5% solution of Care P and allow to dry.

5. Water Disinfection :

50 ppm (50ml in 1000 liter of water) solution of Care P

TECHNICAL DATA

Ingredients

H₂O₂ (Food Grade) : 15 % w/v

Peroxyacids : 0.2 % w/v

Colour : Colourless

Odour : Odourless

pH : 1.9

Miscibility with water : good in all proportions

Corrosiveness : Non corrosive even at 5% solution strength

Shelf life : 3 years

Pneumatic Foggers




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