



An Effective Cold Sterilant

Care P⁺

CARES & PROTECTS

Care-P is an effective cold sterilant based on Hydrogen Peroxide and Peroxy acids rendering it halogen and silver free. It is non-toxic, bio-degradable and non residual. Characteristic deodorant. Rapid surface, water and aerial disinfectant. It is ideally suited for the food process industry in general, and fruits & vegetable products in particular, due to its unique properties of being a colourless, odourless and tasteless liquid disinfectant. Care-P can be used where other chlorine-based disinfectants have been feared.

Reena Enterprises
Hyderabad

Characteristic Features

- Hydrogen Peroxide and Peroxyacid (Proprietary Catalyst) combination
- Powerful Bactericidal, Viricidal, Sporocidal, Fungicidal Algicidal disinfectant by strong oxidation
- 2% 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, Non Carcinogenic, 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% concentration.
- Water Disinfection : Use Care P at 30 PPM concentration.



Areas of Applications

Care P is well suited to a wide range of applications in the food processing industries. It is a suitable disinfectant for:

- Cold rooms
- Water systems
- Equipment sanitization
- Utensils
- Processing and packing areas
- Personal hygiene
- Work environment



WHAT DOES CARE-P DO?

Care P being a selective oxidant, does not react with as many compounds as chlorine.

Care P controls micro-organisms even at a residual presence of less than 5 mg/l.

Odour problems are eliminated.

Does not produce tastes and odours associated with products.

Due to the more effective disinfection, increased water recirculation rates are possible.

Care P is not corrosive to any metals.

With Care P the cycles of concentrations in the recycle water may be increased, therefore decreasing waste discharges and associated costs.

FEATURES AND BENEFITS

Care P is food friendly, odourless and exhibits no influence on the taste - yet it has a beneficial effect on the entire food - flora.

Care P does not form any harmful or toxic by-products, since its only decomposition products are water and oxygen. It is therefore friendly to you and your environment.

Very effective through a pH range of 2 - 9, and a temperature range of 0 - 95 degrees C. It saves the trouble of pH and temperature monitoring and adjustments to ensure the efficacy of the disinfectant to achieve desired results.

Care P is an amazing deodorizer and leaves no residual odours.

Care P is non foaming and has good rinse off characteristics.

Areas of Application

1. Aerial Disinfection/Ideal replacement for fumigation

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

Volume of Area : 5000 cu.ft.

to be fumigated

Procedure

: Prepare a 2% solution of Care P with water and fog it using an aerosoling machine that can generate a 0.02-0.1 micron particle size mist/fog.

Fogging Time

: Half an hour (30 minutes)

Contact Time

: One hour (60 minutes)

2. Fruit/Veg. Surface Disinfection : 1% solution of Care P for a contact time of 15 minutes
by dipping

3. By Foggin/Spraying : 2% for 15 minutes

4. Water Disinfection : 30 ppm solution of Care P with a contact time of 5 minutes

5. Equipment Surfaces : Swab Equipment surface with 2% solution of Care P and allow to dry.



Technical Data :

Ingredients

H₂O₂(Food Grade) : 15 % w/v

Peroxyacids : 0.2 % w/v

Colour : Colourless

Odour : Odourless

pH : 1.9

Miscibility with water : miscible in with water homogenously

Corrosiveness : Non corrosive even at 5% solution strength

Shelf life : 3 years

Contact Information

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