

An Effective Cold Sterilant.....  
for Water Systems

# Care P<sup>+</sup>

Cares & Protects

Care-P is an effective cold sterilant based on Hydrogen Peroxide and Peroxyacids rendering it halogen and silver free. It is ideally suited due to its unique properties of being a colourless, odourless, non residual and rapid acting liquid disinfectant. Care P is an effective TERMINAL STERILANT gives better operational convenience more effective than other disinfectants. Highly compatible with polyamides. Replaces chlorination and de-chlorination.

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 (overkill)
- Effectively eliminates Biofilms

## Applications of Care P

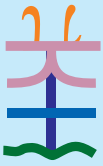
- Process Water disinfection : Use Care P at 50 PPM concentration (50 ml. Care P in 1,000 ltrs.) for continual dosing into the RO system.
- Generation system disinfection : Care P @ 1% for 30 min. in a circulation mode.
- RO membrane sanitization : Care P @ 1% for 1 Hour.

## Areas of Applications

Care P is well suited for drinking/process water systems.

- overhead tanks
- resin filters
- water containers
- water tankers
- generation system
- distribution lines
- pipelines
- RO systems
- bottle filling machines
- process water
- raw water
- CIP





## Care P - An Effective Cold Sterilant for Water Systems



### Benefits of using Care P:

- Safe and compatible with polyamide based RO membranes and piperazine based nanofiltration membranes.
- Care P controls micro-organisms even at a residual presence of less than 2 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 or alloys.
- With Care P the cycles of concentrations in the recycle water may be increased, therefore decreasing waste discharges and associated costs.

### Advantages

- 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.
- Care P is an amazing deodorizer and leaves no residual odours.
- Non Toxic, Non Carcinogenic, Aldehyde vapours free, Halogen free, Ozone free, Biodegradable, Ecofriendly.
- Even residual 0.2 - 0.5% hydrogen peroxide from Care P is safe for RO & UF membranes.

### Technical Data :

#### Ingredients

H <sub>2</sub> O <sub>2</sub> (Food Grade)	: 20 % w/v
Peroxyacids	: 0.8 % w/v
Colour	: Colourless
Odour	: Odourless
pH	: 2.1
Miscibility with water	: good in all proportions 2%
Corrosiveness	: Non corrosive even at 2% solution strength
Shelf life	: 1 year

### **Contact Information**

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