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 byproducts, 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 2 ppm - 5 ppm Hydrogen peroxide from Care P is safe for RO & UF membranes.

<table>
<thead>
<tr>
<th>Technical Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredients</td>
<td></td>
</tr>
<tr>
<td>H₂O₂ (Food Grade)</td>
<td>20 % w/v</td>
</tr>
<tr>
<td>Peroxyacid</td>
<td>0.8 % w/v</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>pH</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Miscibility with water</td>
<td>Good in all proportions</td>
</tr>
<tr>
<td>Corrosiveness</td>
<td>Non-corrosive even at 2%</td>
</tr>
<tr>
<td>Shelf life</td>
<td>3 years</td>
</tr>
</tbody>
</table>

Care P – WD
Cold Sterilant for Water Disinfectant

Reena Enterprises
Office
2-106, Sirimnagar Colony
Gangaram Village, Chandanagar P.O.
Hyderabad – 500 050, INDIA
Tel : +91-40-23033858
email: info@reenaenterprises.net

Works
B-36/A, BHEL-AIE, Ramachandrapuram
Hyderabad - 502 032
Medak Dist., INDIA
Tel: 040 - 23023858
email: info@reenaenterprises.net

www.reenaenterprises.net
Care P - Water Disinfectant is a cold sterilant constituted of food grade hydrogen peroxide and peroxyacid. Its potential to eliminate biofilms even in presence of high organic load makes it the most efficient and effective disinfectant for water and water purification systems. Where chlorine and chlorine dioxide fail to eliminate biofilms and leave behind additional burden of DBPs (Disinfection byproducts) and high rates of corrosion, Care P comes in as an effective replacement.

- Contact sanitization of the purified water lines by recirculation at 2% dilution
- Contact sanitization of components by dip treatment at 2% dilution
- Treatment of raw water by constant dosing at 50ppm to 70ppm depending on the bio-organic load
- Contact sanitization of empty tanks by fogging and/or spraying at 2% to 6% dilution depending upon the corrosion and biofilm layer

Areas of applications
Care P is well suited for drinking / process water systems
- Water Tankers
- Raw Water
- Overhead tanks
- Pipelines
- Softener
- Resin filters
- RO systems
- Process water
- Generation system
- Distribution lines
- Water containers
- Bottle filling machines
- Cleaning in Place
- Dip fixtures, fittings

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 2mg/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