<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>15 % w/v</td>
</tr>
<tr>
<td>Peroxyacid</td>
<td>0.2 % 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 5%</td>
</tr>
<tr>
<td>Shelf life</td>
<td>3 years</td>
</tr>
</tbody>
</table>

**Care P – CS**

Cold Sterilant for Pharma Industries

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**Reena Enterprises**

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Care P cold sterilant is an effective oxidizing agent to eliminate Multi Drug Resistant Organisms (MDRO’s). It is a high level disinfectant based on hydrogen peroxide and peroxyacid rendering it free from halogens, aldehydes, alcohols, quats and silver. It is ideally suited for the pharmaceutical and biotechnology industry due to its unique properties of being a colourless, odourless, non residual and rapid acting liquid disinfectant. Care P can be used conveniently where other aldehyde, ethylene oxide, chlorine dioxide based disinfectants cause operational inconvenience / hazards. Care P is an effective TERMINAL STERILANT. It gives better operational convenience more effective than HPV/HVR as an aerosol, vapor, spray and wipe for aerial and surface disinfection.

## Characteristic Features

- **Hydrogen Peroxide and Peroxyacid (Proprietary Catalyst) combination**
- **Powerful Bactericidal, Vircidal, Sporicidal, Fungicidal Algicidal disinfectant by strong oxidation**
- **2% concentration achieves complete**
  - Disinfection = 6 log reduction of Bio-burden in 15 min
- **6% concentration achieves complete**
  - Sterilization = 6 log reduction of spores in 60 minutes
- **Effectively eliminates Biofilms**
- **Non Toxic, Non Carcinogenic, Aldehyde vapors free, Halogen free, Ozone free. Biodegradable & Ecofriendly**

## Areas of Applications

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

- Clean rooms
- Sterile Areas
- Isolators
- Filling Stations
- Packaging Area
- Process Water
- Utensils
- Ware Houses

## Directions for various applications

### 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

- **Facility Volume**: 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 - 0.1 micron particle size mist/fog, from AHU or in the room to be fumigated
- **Fogging Time**: 30 minutes, when machine is placed in the room and 60 minutes when the machine is placed in AHU
- **Contact Time**: One hour (60 minutes)

### Surface Disinfection

- 2.5% (250ml) in 1l of water solution of Care P for floor mopping and walls

#### Equipment Surfaces

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

#### Tools

Dip tools in 2.5 % solution of Care P for 30 minutes

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**Applications of Care P - CS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>AERIAL</th>
<th>SURFACE</th>
<th>EQUIPMENT</th>
<th>TOOLS</th>
</tr>
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<tbody>
<tr>
<td>Concentration</td>
<td>2%</td>
<td>2.5%</td>
<td>2.5%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Contact time</td>
<td>30 minutes</td>
<td>30 minutes</td>
<td>30 minutes</td>
<td>30 minutes</td>
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