Product Information

Caresoft-809 (Conc) is a new generation hydrophilic silicone softner. Caresoft-809 (Conc) imparts excellent softness and good absorbency on treated substrates. Caresoft-809 (Conc) is used for cotton, polyester and their blends such as towels, yarn dyed shirting, knits and bottom weight fabrics.

Key Features & Benefits

<table>
<thead>
<tr>
<th>Key Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Hydrophilic</td>
<td>Imparts excellent softness and good absorbency and redyeing is possible</td>
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<tr>
<td>Shear stable</td>
<td>Can be used on soft flow machines and garment washing machines</td>
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<tr>
<td>Very good evaporation rate &amp; improved wicking</td>
<td>Can be used for moisture management finish</td>
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General Characteristics

- Physical appearance: Colourless to light yellow viscous liquid
- Ionic nature: Nonionic to weakly cationic
- pH of 1% solution: 4 +/- 1
- Miscibility: Miscible with water
- Compatibility: Compatible with cationic and nonionic products
- Stability: Stable to dilute acids and dilute alkalies

Application

<table>
<thead>
<tr>
<th>Padding Process</th>
<th>Exhaust Process</th>
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<tbody>
<tr>
<td>Dosage* : 5-15 g/l</td>
<td>Dosage* : 0.5-1.5%</td>
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<tr>
<td>Pick-up : 65-70%</td>
<td>Bath pH : 5.0-6.0</td>
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<td>Bath Temp. : 30-40 deg.C</td>
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* Dosages recommended are based on the concentrated product's strength.
Dosages of diluted product to be calculated on the basis of solid content.

Note:- pH of bath should not exceed 6.5 (pH of bath should be acidic)

**Instructions For Dilution**

Procedure to prepare 20% diluted product of 60% Caresoft-809(Conc)

- Take 1 part of Caresoft-809(Conc)
- To this, add 2 parts of DM water
- Stir at 200-300 rpm with normal stirrer for 30-45 mins to obtain homogeneous product.

Preservation :
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It is recommended to add 0.1% Bronopol (2-Bromo, 2-nitropropane,1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal / microbial growth.

Note: 
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- If diluted product is slightly hazy add 1-2% Butyl digiycol or Butyl Cellosolve.
- pH of final dilution should be adjusted to 5.0 g/l with acetic acid.

**Precautions**

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.
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<tr>
<th>PRODUCT LITERATURE</th>
<th>CARESOFT-809 (CONC)</th>
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