



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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## PRODUCT LITERATURE

### CARESOFT-809 (CONC)

#### 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

##### Key Features

Hydrophilic

Shear stable

Very good evaporation rate & improved wicking

##### Benefits

Imparts excellent softness and good absorbency and redyeing is possible

Can be used on soft flow machines and garment washing machines

Can be used for moisture management finish

#### 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

##### Padding Process

Dosage\* : 5-15 g/l

Pick-up : 65-70%

Bath pH : 5.0-6.0

Drying : 130-160 deg.C

##### Exhaust Process

Dosage\* : 0.5-1.5%

Bath pH : 5.0-6.0

Bath Temp. : 30-40 deg.C

Time : 20-30 mins.

\* Dosages recommended are based on the concentrated product's strength.



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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.

It is advisable to utilize the diluted product within 2 months.  
Stir well before use

#### 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 : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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