



Sarex Chemicals

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

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PRODUCT LITERATURE

CARESOFT-HP (CONC)

Product Information

Caresoft-HP(Conc) is a nonionic hydrophilic silicone softener. It imparts excellent softness and good absorbency on treated substrates. It is applicable on cotton, polyester and their blends. It is suitable for end articles such as towels, yarn dyed shirting, knits and bottom weight fabrics.

Key Features & Benefits

Key Features

Hydrophilic

Concentrated

Shear stable

Benefits

- Excellent softness and good absorbency
- Redyeing is possible

Economical

Can be used on soft flow machines and garment drum machines

General Characteristics

Physical appearance : Colourless to yellow hazy viscous liquid

Ionic nature : Nonionic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process

Dosage* : 5-10 g/l

Pick-up : 65-70%

Bath pH : 5.0-6.0

Drying : 130-160 deg.C

Exhaust process

Dosage* : 0.5-1.0%

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 25% diluted product of 70% Caresoft-HP(Conc)

- Take 36 parts of Caresoft-HP(Conc)
- To this, add 64 parts of DM water
- Stir at 200-300 rpm with normal stirrer to obtain homogeneous product.

Preservation: 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:

- If diluted product is slightly hazy add 1-2% Butyl diglycol or Butyl Cellosolve
- pH of final dilution should be adjusted to 5.0 +/- 1 with acetic acid

It is advisable to utilize the diluted product within 1 month.

The product and the diluted product has tendency to separate on standing.

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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