



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 softner. 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	Benefits
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Hydrophilic	- Excellent softness and good absorbency - Redyeing is possible
Concentrated	Economical
Shear stable	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	Exhaust process
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Dosage* : 5-10 g/l	Dosage* : 0.5-1.0%
Pick-up : 65-70%	Bath pH : 5.0-6.0
Bath pH : 5.0-6.0	Bath Temp. : 30-40 deg.C
Drying : 130-160 deg.C	Time : 20-30 mins.

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

Dosages of diluted product to be calculated on the basis of solid content.



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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

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.

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