



Sarex Chemicals

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

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PRODUCT LITERATURE

HYDROCARE (CONC) (N)

Product Information

Hydrocare (Conc) (N) is a new generation hydrophilic softener specially developed to impart outstanding softness on the textile substrates. It imparts superior softness than the conventional hydrophilic silicone softeners especially on terry towels and knits. Hydrocare (Conc) (N) is applicable by exhaust as well as by padding method. It is also suitable by wet on wet application. Hydrocare (Conc) (N) does not affect the hydrophilicity of the finished substrate. It can also be used for moisture management finish. Since it is shear stable it can be applied on fabric using high turbulence machine such as soft flow.

Key Features & Benefits

Key Features	Benefits
Hydrophilic	Finished substrate shows good absorbency and sinking time Ideal for Terry Towel
Non yellowing and no shade change	Can be used for whites and dyed fabrics
Shear stable	Can be applied on fabric using high turbulence machine viz. soft flow, jets and garment drum machine

General Characteristics

Physical appearance	: Colourless to pale yellow transparent to hazy liquid
Ionic nature	: Nonionic to weakly cationic
pH of 1% solution	: 4.5 +/-1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies



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Application

Padding process

Dosage* : 10-15 g/l
Pick-up : 65-70%
Bath pH : 5.0-6.0
Drying : 130-160 deg.C

Exhaust process

Dosage* : 1.0-1.5%
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.

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 40% Hydrocare (Conc) (N)

- Take 50 parts of Hydrocare (Conc) (N)
- To this, slowly add 50 parts of DM water at room temperature under constant stirring at 150 - 200 rpm using paddle stirrer
- Continue stirring for 30 - 45 min to obtain homogeneous liquid

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 separation (white translucent layer at the top) observed in product, stir well and use.



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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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