



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone: +91 22 42184218

Fax: +91 22 42184350

Email: tcmtkg@sarex.com

URL: www.sarex.com

PRODUCT LITERATURE

GEOTEX-HPA (CONC)

Product Information

Geotex-HPA (Conc) is hydrophilic and antistatic agent developed specially for dyeing and finishing of synthetic fibres such as polyamide, polyester and their blends. Geotex-HPA (Conc) can also be used as an additive in wash and wear finishing. Treatment with Geotex-HPA (Conc) provides improvement in moisture transport properties resulting comfortness.

Fabric treated with Geotex-HPA (Conc) becomes softer, more supple and provides more pleasing touch to wearer.

Key Features & Benefits

Key Features

Imparts Hydrophilicity

Lubricating / Anticreasing property

Benefits

Fabric becomes antistatic and shows better moisture transport properties /absorbency

Running the material in bath alone before dyeing prevents fixation of crease marks/compression marks during dyeing in rope form

General Characteristics

Physical appearance : Offwhite to creamish lumps/paste

Ionic nature : Nonionic

pH of 1% solution : 6.5+/-1

Miscibility : Miscible with water

Compatibility : Compatible with cationic, anionic 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

Exhaust process

Dosage* : 0.5-1%

Bath pH : 5.0-6.0

Bath Temp.: 30-40 deg.C



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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.

Note:

- The effect of Geotex-HPA (Conc) is durable for washing below 40 deg.C
- Finishing of dyed goods above 40 deg.C temperature, may cause bleeding depending on the colourfastness of shade

Instructions For Dilution

Procedure to prepare 20% diluted product of 100% Geotex-HPA (Conc)

- Take 79 parts DM water (60 deg.C)
- To this, add 0.5-1 part of Xanthan gum (viscosity modifier)
- Stir at 150-200 rpm for 30-40 min to obtain homogenous liquid.
- After cooling, add 20 parts of Geotex-HPA (Conc) and stir at 150-200 rpm for 20-25 min.

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: Geotex HPA (Conc) is a surfactant free self dispersing product and has tendency to settle or separate. It is to be stirred 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.



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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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