



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### TERRYFINISH-XF (CONC)

#### Product Information

Terryfinish-XF (Conc) is a hydrophilic nano silicone softener and outstanding formulation for imparting hydrophilic soft finish on textile substrates. It imparts good softness on cotton knits and terry towels. Terryfinish-XF (Conc) imparts rapid moisture absorption, moisture evaporation and improved wicking property thereby producing cooling effect to wearer. It is shear stable hence can be used on soft flow machines and garment drum machines. It can be applied by exhaust as well as by padding method.

#### Key Features & Benefits

Key Features -----	Benefits -----
Good evaporation rate and improved wicking property	Can be used for moisture management finish
Imparts hydrophilicity	- Ideal for terry towels and cotton knits - Redyeing is possible
Shear stable	Can be used on soft flow machines and garment drum machines
Concentrated	Economical and easily dilutable at customer's end
Improves tear strength	Can be used in resin finishing

#### General Characteristics

Physical appearance	: Colourless to yellow, transparent to hazy liquid
Ionic nature	: Nonionic
pH of 1% solution	: 5.5 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic, anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies



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#### Application

Padding process

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Dosage\* : 5-10 g/l  
Pick-up : 65-70%  
Bath pH : 5.0-6.0  
Drying : 130-160 deg.C

Exhaust process

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Dosage\* : 0.5-1%  
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.

#### Instructions For Dilution

Procedure to prepare 22% diluted product of 70% Terryfinish-XF (Conc)

- Take 67 parts of DM water
- To this, gradually add 33 parts of Terryfinish-XF (Conc) under continuous stirring at 30-45 rpm (paddle stirrer) or at 100-300 rpm (turbo stirrer) to obtain clear liquid.
- Then add 2-3 parts of IPA or Butyl Carbitol. Again stir for 10-15 min if the emulsion is unclear.

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:

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- Diluted product should not be stored for longer time.
- If separation observed in product, stir well and use.

#### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature



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### **TERRYFINISH-XF (CONC)**

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]  
[ Prod.Code :PT399 | Last Upd. On : 11/12/14 ] [MOLL]

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