



Sarex Chemicals

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

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Phone +91 22 42184218 Fax +91 22 42184350

Email : tcmktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

YARNSOFT-FRS (CONC)

Product Information

Yarnsoft-FRS (Conc) is a concentrated lubricating agent for finishing of cotton, polyester filament, spun polyester and polyester / cellulosic yarn. Yarnsoft-FRS (Conc) imparts very good lubricity and gliding properties to the pretreated yarns which exhibit very low friction values. Yarnsoft-FRS (Conc) also imparts antistatic properties. Yarnsoft-FRS (Conc) is stable to heat and shows very low emission particularly for automotive textiles.

Key Features & Benefits

| Key Features | Benefits |
|------------------------|--|
| ----- | ----- |
| Good lubricity | Excellent gliding properties with low friction coefficient |
| Imparts hydrophilicity | Retains more moisture |
| Concentrated Product | Economical |
| Versatile | Suitable for cotton, polyester and blends |

General Characteristics

| | |
|---------------------|--|
| Physical appearance | : White paste |
| Ionic nature | : Non-ionic |
| pH of 1% solution | : 5 +/- 1 |
| Miscibility | : Dispersible with water |
| Compatibility | : Compatible with cationic, anionic and non-ionic products |
| Stability | : Stable to dilute acids and dilute alkalies |

Application

Exhaust process:

| | |
|------------|---------------|
| Dosage* | : 0.3-1.0% |
| Bath pH | : 5.0-6.0 |
| Bath Temp. | : 30-60 deg.C |
| Time | : 10-20 mins. |



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We recommend in-out cycle of 3 mins. and reverse cycle of 5 mins. for uniform absorption within the package.

* 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 20% diluted product of 70% Yarnsoft-FRS (Conc)

Method-I

- Take 71.5 part water in vessel
- To it add 28.5 parts of product slowly under stirring at 2000-3000 rpm using turbo stirrer.
- Continue stirring for 20-30 min. at 2000-3000 rpm till homogeneous product is formed.

Method-II

- Take 28.5 Kg products in vessel.
- To it add 71.5 Kg water under stirring at 150-200 rpm
- Continue stirring for 20-30 min. till homogeneous product is formed.

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:

- Un-dissolved particles if any can be filtered off (filter through nylon filter cloth of 200-250 mesh size).
- Diluted product should not be stored for longer time.
- Stir well before use, as diluted product has tendency to separate.



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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 : 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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