



Sarex Chemicals

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

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PRODUCT LITERATURE

ESTOFEEL (CONC)

Product Information

Estofeel (Conc) is specially developed hydrophilic finishing agent for polyester, polyamide and other synthetic fibres to overcome the generated static charges. It also improves wicking property to cellulosic fibres. Estofeel (Conc) imparts hydrophilicity, antistatic, soil release and soil resistant properties to hydrophobic fibres.

Key Features & Benefits

Key Features -----	Benefits -----
Antistatic & hydrophilic	Comfort properties for polyester & polyester rich blends
Concentrated	Economical
Dyeing	Compatible with dyeing recipe by exhaust process
Non yellowing	Suitable for white and pastel shades
Durable	Durable to home laundering
Versatile	Applicable by padding as well as by exhaust method

General Characteristics

Physical appearance	: Yellow pellets to irregular lumps
Ionic nature	: Nonionic
pH of 1% solution	: 7 +/- 1
Miscibility	: Miscible with hot water
Compatibility	: Compatible with cationic, anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

Padding process -----	Exhaust process -----
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Dosage	: 5-8 g/l (10%)	Dosage	: 0.5-0.8% (10%)
Pick-up	: 65-70 %	Bath pH	: 5.5-6.0
Bath pH	: 5.5-6.0	Bath Temp.	: 130 deg.C
Drying	: 120 deg.C, 2 mins.	Time	: 30-45 mins.
Curing	: 170 deg.C, 1 min. (Polyester)		
	: 160 deg.C, 1 min. (Polyamide)		

Instructions For Dilution

Procedure to prepare 10% Estofeel (Conc)

- Take 90 parts of DM water of 60-70deg.C
- To this, gradually add Estofeel (Conc) with constant stirring using paddle stirrer (50-100 rpm)
- Continue stirring at 60-70 deg.C for 60-90 mins. to get homogenous product
- Lower down the temperature to 40 deg.C under constant stirring
- Filter/Strain the finished product to remove un-dissolved particles/lumps if any

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:

- pH of the diluted product should be 6-7
- Temperature of DM water should not go beyond 70 deg.C
- Maximum dilution possible for Estofeel (Conc) is 15%.
- Maximum 15% dilution is possible however 15% diluted product is viscous compared to 10% diluted product.

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.



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