



Sarex Chemicals

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PRODUCT LITERATURE

SARALINE-FI (CONC)

Product Information

Saraline-FI (Conc) is a flakes form dispersing, wetting and emulsifying agent. Saraline-FI (Conc) keeps the insoluble dye particles in fine dispersion and prevents redeposition on the substrate, therefore, it is useful in the dyeing of disperse dyes, acetate dyes, acid dyes, chrome dyes and naphthol dyeing. Saraline-FI (Conc) also helps in smooth running of the pad bath hence preventing roller build up.

Key Features & Benefits

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Multipurpose

Versatile

Good dispersing /
emulsifying action

Benefits

Use as levelling, dispersing, emulsifying agent, hence less inventory

Suitable for cotton, polyester, wool, silk & nylon

Can prevent silicone spots in finishing of longer batches under adverse conditions

General Characteristics

Physical appearance : White flakes

Ionic nature : Non-ionic

pH of 1% solution : 7 +/-1

Miscibility : Miscible in hot water

Compatibility : Compatible with anionic, cationic and non-ionic products.

Stability : Stable to dilute acids and dilute alkalies.

Application

1. Exhaust Dyeing of Polyester and blends and polyamide,
Wool and silk.
0.2-0.4 g/l Saraline-FI (Conc)
As a levelling and dispersing agent

2. Thermosol Dyeing of Polyester and Blends



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2-4 g/l Saraline-FI (Conc) in pad liquor improves bath stability, ensures uniform dyeing and improves colour yield.

3. Roller build up
0.1-0.2 g/l addition of Saraline-FI ensures smooth running of pad bath thus preventing roller build up.
4. Pigment Printing
0.2-0.4% Saraline-FI (Conc)
Can be used as an emulsifier in preparation of emulsion thickening for pigment printing.
5. Finishing of cotton, polyester/cellulosics, polyester/wool blends:
Addition of 0.4-1.0 g/l Saraline-FI (Conc) improves finishing bath stability under adverse conditions such as incompatible recipe, longer storage time, water containing TDS, etc.

Instructions For Dilution

20% dilution of Saraline-FI (Conc).

Take 80 parts of DM water at 80 deg.C and to this add slowly 20 parts of Saraline-FI (Conc) under constant stirring at 150-220 rpm using paddle stirrer. Continue stirring till product cools down to room temperature and it becomes a homogeneous liquid.

It is advisable to utilize the diluted products within 2 months. Stir 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.

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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