



Sarex Chemicals

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

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PRODUCT LITERATURE

TEXWHITE-SFN (CONC)

Product Information

Texwhite-SFN (Conc) is fluorescent whitening agent with bluish violet tone for polyester and polyester blends at all stages of processing. It is suitable for continuous and exhaust processes. Texwhite-SFN (Conc) is a very economical and even small application can produce a brilliant white effect of a very high standard.

Key Features & Benefits

Key Features

Medium to high affinity & wide pH range application

Fabric texture not affected

Excellent build-up

Good stability to alkali, peroxide and electrolyte and also to reducing agents

Benefits

Suitable for continuous processes Outstanding leveling properties in exhaust processes stable to wide pH (3-9)

Low temperature curing

Very high and brilliant white maximum in continuous and exhaust applications

Stable in hydrogen peroxide and sodium hypochlorite bleaching liquors and also in reductive bleaching liquors

General Characteristics

Physical appearance : Greyish liquid with blue tint

Ionic nature : Nonionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process:



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Dosage : 0.5-2.5 g/l (depending on substrate quality)
Pick-up : 65-70%
Bath pH : 5.0-6.0
Thermofix : 170-210 deg.C, 45-60 secs.

Exhaust process:

Dosage : 0.05-0.25% (depending on substrate quality)
Bath pH : 5.0-6.0
Bath Temp.: 95-130 deg.C
Time : 20-30 mins.

STABILITY & FASTNESS PROPERTIES:

Stability to:	Remarks
Peroxide bleach	Stable
Reduction bleach	Stable
Chlorite bleach	Unstable
Hard water	Good

Fastness properties	Methods	change in degree of whiteness
Light fastness	ISO 105-B02	5 - 6
Wash fastness, 60 deg.C	ISO 105-C06 C1	5
Wash fastness, 90 deg.C	ISO 105-C06 E1	5
Dry heat fixation, 180 deg.C	ISO 105-P01	5
Dry heat fixation, 210 deg.C	ISO 105-P01	5
Perspiration, acidic	ISO 105-E04	5
Perspiration, alkaline	ISO 105-E04	5

Instructions For Dilution

Procedure to prepare 1:1 Dilution of Texwhite-SFN (Conc)

Take 50 parts of D.M.Water adjust the pH 5-5.5 by acetic acid and then add slowly 50 parts Texwhite-SFN (Conc) under stirring (300 to 400 RPM) till homogeneous product is form.



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It is advisable to utilize the diluted product within 2 months. Sir 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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