



Sarex Chemicals

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

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PRODUCT LITERATURE

BIOFEEL-PST (CONC)

Product Information

Biofeel-PST(Conc) is an acid cellulase enzyme for bio-polishing of cellulose and polyester/cellulosic blends. The product is to be used in garment dyeing machine and jet dyeing machine where suitable mechanical action is provided which enhances the action of Biofeel-PST(Conc). It is also suitable for colour fading for denim garments and bio-polishing of knits, fabrics & terry towels.

To avoid excess strength loss of garments and materials after bio-polishing, it is recommended deactivation of Biofeel-PST (Conc) after the treatment.

Key Features & Benefits

Key Features	Benefits
Versatile	Peroxide elimination and bio-polishing can be carried out without draining the bath
Controlled action	Minimum shade change in dyed material and minimum strength loss

General Characteristics

Physical appearance	: Dark brownish liquid
Ionic nature	: Nonionic
pH of 1% solution	: 6 +/- 1
Miscibility	: Miscible with water.
Compatibility	: Compatible with nonionic products but not compatible with strong cationic or anionic products.
Stability	: Stable to dilute acids & dilute alkalies

Application

1. For Biopolishing of cottons and blends in exhaust after pretreatment :

Biofeel-PST (Conc)	: 0.5% - 0.8%
pH	: 4.7 - 5.5



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Temperature : 50-60 deg.C
Treatment time : 30-60 min

Dosage should be based on cotton component only.

Note:

1. Biofeel-PST(Conc) to be added after adjustment of pH & temperature of bath.
2. After the bio-polishing treatment, raise the temperature to 70 deg.C and/or adjust pH to 10 to terminate action of enzyme. The material can then be finished using chemical finishes as usual.
3. Combined bio-polishing and peroxide elimination can be carried out for cotton knits and terry towels prior to reactive dyeing. Bio-polishing is usually recommended before cationic dye-fixation or cationic softening.

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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