



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### SARAFIX-NEW

#### Product Information

Sarafix-NEW is a novel acid stable dyefixing agent for acid and metal complex dyed/printed polyamide and their blends. After treatment with Sarafix-NEW improves wet fastness properties. Sarafix-NEW is stable to concentrated acid. Sarafix-NEW treated fabric does not stain white grounds of prints on polyamide therefore it is also suitable for light and pastel shades.

#### Key Features & Benefits

##### Key Features

Concentrated

Fibre Affinity

Improves wet fastness

Has no effect on shade or light fastness of dyeings

Low foaming

Stable under adverse condition

##### Benefits

Economical

Dye fixing agent for acid and metal complex dyes and reserving agent for Polyamide/Cellulosic blends dyeing

Prevents cross-staining during washing

Recipe adjustment not require

Can be used on soft flow machines

Stable to hard water, concentrated acids and alkalies

#### General Characteristics

Physical appearance : Yellow to orange liquid \*

Ionic Nature : Anionic

pH of 1% solution : 4 +/- 1

Miscibility : Miscible with water

Compatibility : Not compatible with cationic products

Stability : Stable to dilute acids and dilute alkalies

\* Sarafix-NEW on prolong storage due to change in temperature, becomes darker.

\* Sarafix-NEW has a tendency to crystallize at lower temperature. Heating upto about 45 deg.C and slight stirring



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should re-dissolve the crystals and product can be used.

#### Application

Exhaust Process :

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Sarafix-NEW : 1-3% (depending on depth of shade)

Bath pH : 4-4.5 (with acetic acid)

Bath Temp. : 70-80 deg.C

Time : 15-20 min.

Precautions:

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- Cationic/Non-ionic leveling agents must be removed thoroughly as traces of such auxillaries may impair performance of Sarafix-NEW.

Note:

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The handle of the fabrics may change slightly (becoming firmer, fuller), depending on the amount of Sarafix-NEW used, the fabric construction and the temperature during drying or post-setting.

The effects obtained by after-treatment with Sarafix-NEW are stable to dry heat at the usual setting temperatures but can be impaired by intense pressure steaming. Increasing the amount of Sarafix-NEW will often improve the stability of the dyefixation to steaming. Polyamide material treated with Sarafix-NEW is difficult to re-dye or over-dye. Sarafix-NEW should therefore be stripped first before redyeing.

For correction of any shade of material treated with Sarafix-NEW, first strip Sarafix-NEW by treatment with 1 g/l Supergen-MX and 3 g/l Sodium carbonate, temp. 95 deg.C for 45-60 mins followed by rinsing. Once Sarafix-NEW is removed from the substrate, then only stripping of dyestuff or redyeing / overdyeing can be carried out. The shade after correction can again be fixed with Sarafix-NEW as per standard procedure.

#### 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



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stored under controlled conditions.

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