



# 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. Polyamide fabric dyefixed with Sarafix-NEW shows improvement in 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. Sarafix-NEW acts as a leveling agent for Nylon/wool blend for achieving solid even dyeing. It also acts as a reserving agent for Nylon/cotton blend fabrics. Sarafix-NEW is stable under acidic condition thus can be used for various application.

#### Key Features & Benefits

Key Features	Benefits
Concentrated	Economical
Fibre Affinity	Dye fixing agent for acid and metal complex dyes and reserving agent for Polyamide/Cellulosic blends dyeing
Improves wet fastness	Prevents cross-staining during washing
Has no effect on shade or light fastness of dyeings	Recipe adjustment not require
Low foaming	Can be used on soft flow machines
Stable under adverse condition	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 : compatible with anionic and non-ionic products  
Stability : Stable to dilute acids and dilute alkalies

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



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



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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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