



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### SARADYE-FN

#### Product Information

Saradye-FN is a polyamine based non-formaldehyde cationic dyefixing agent for reactive dyes and direct dyes. Saradye-FN improves wash fastness, fastness to perspiration and water contact fastness. Saradye-FN show minimum effect on light fastness and on the shade of the treated material. Saradye-FN can be applied by exhaust as well as pad application.

#### Key Features & Benefits

##### Key Features

Formaldehyde free

Minimum effect on shade and light fastness

Handle

Versatile

##### Benefits

Suitable for Oekotex and baby wear

Rematching not require

No adverse effect on handle of fabric

Suitable for exhaust and pad application

Combined dyefixing and finishing possible

#### General Characteristics

Physical appearance : Colourless to yellow liquid

Ionic nature : Cationic

pH of 1% Solution : 6 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and nonionic products

Stability : Stable to dilute acids and unstable to dilute alkalies

#### Application

Exhaust Process :

After thorough soaping to remove hydrolysed reactive dyestuff from dyed or



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printed material, treat in a fresh bath with below recipes :

Saradye-FN : 0.5-2%  
Bath pH : 5-5.5  
Bath Temp : 40 deg.C  
Time : 15-30 min.

If finishing with cationic softener is to be carried out in the same bath, it is recommended to first carry out dyefixing with 1/3rd quantity of required Saradye-FN under above conditions

followed by addition of cationic softener in the same bath under the same conditions for 15-20 mins. followed by addition of remaining quantity of Saradye-FN in the same bath and treatment to be carried out for further 15-20 min.

Continuous process :

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Saradye-FN : 5-20 g/l  
Pick-up : 65-70%  
Bath pH : 5-5.5  
Drying : 130-170 deg.C

Note: Check for colour tint in depth after dyeing.

Removal of dyefixing agent from dyed fabric:

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Take 0.5-1% Celldet-R and treat the dyefixed fabric at 95 deg. C for 20-30 min and drain the bath.

Cold wash for 10 min and drain.

Adjust the bath pH 4.5-5.0 using acetic acid and run for 5 min to ensure the bath pH 4.5-5.0 then add

2.0-3.0% Saragen-SO

1.0-1.5% Sarakol-RDL

Treat at 85-90 deg. C for 20-30 min and drain the bath.

Hot wash at 70 deg. C for 10 min and drain the bath.

Cold wash for 10 min and drain.

### 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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