



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### SARADYE-PLE

#### Product Information

Saradye-PLE is a special formulation to improve fastness to chlorinated pool water for sulphur and reactive dyed / printed cellulosic and cellulosic rich blends. It also effectively works on Vat dyed / printed fabrics. Saradye-PLE has minimum effect on light fastness and tone of the treated material.

Saradye-PLE does not contain formaldehyde and hence suitable for Oekotex Standard 100. Saradye-PLE does not affect the original handle and absorbency of the fabric. Saradye-PLE finished fabric when subjected to multiple washes as per AATCC Test Method-135, do not show shade changes on the fabric.

#### Key Features & Benefits

Key features -----	Benefits -----
Fastness	<ul style="list-style-type: none"><li>- Improves colour fastness upto 100 ppm available chlorine</li><li>- Improves colour fastness to chlorine bleach (clorox)</li><li>- Improves water contact and wash fastness</li></ul>
Handle	Does not affect the original handle and absorbency of fabric
Versatile	Can be applied by exhaust as well as by pad application
Formaldehyde free	Suitable for Oekotex standard 100 and baby wear

#### General Characteristics

Physical appearance	: Colourless to yellow transparent to hazy liquid
Ionic nature	: Cationic
pH of 1% solution	: 5 +/- 1
Miscibility	: Miscible with water
Compatability	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and unstable to dilute alkalies



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#### Application

After thorough soaping and neutralisation, treat the substrate with below recipe.

Padding process:

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Saradye-PLE : 30-50 g/l (depending on chlorine content in water)  
Pick-up : 65-70%  
Bath pH : 5.0-5.5  
Drying : 140-160 deg.C

Exhaust process:

-----  
Saradye-PLE : 3-5 % (depending on chlorine content in water)  
Bath pH : 5.0-5.5  
Bath Temp. : 50 deg.C  
Time : 15-20 mins.

Note:

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- Saradye-PLE can also effectively work on polyamide fabric dyed/printed with acid dye. One needs to pretreat the fabric with 1% Sarafix-NEW and then pad with 30-50 g/l Saradye-PLE.
  - Performance of Saradye-PLE may vary from dye to dye.
  - Saradye-PLE has limited durability to washing.

#### 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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