



# 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 | : Yellow clear liquid                            |
| Ionic nature        | : Cationic                                       |
| pH of 1% solution   | : 5 +/- 1  |
| Miscibility         | : Miscible with water                            |
| Compatibility       | : Compatible with cationic and nonionic products |
| Stability           | : Stable to dilute acids and dilute alkalies     |



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#### Application

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

##### Padding process

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 :

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.

#### 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 : 8 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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