



Sarex Chemicals

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

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PRODUCT LITERATURE

SARADYE-PLE (CONC)

Product Information

Saradye-PLE(CONC) is a concentrated special formulation to chlorinated pool water for sulphur and reactive dyed / printed cellulosic and cellulosic rich blends. Saradye-PLE(Conc) has minimum effect on light fastness and tone of the treated material.

Saradye-PLE(Conc) does not contain formaldehyde and hence suitable for Oekotex Standard 100. Saradye-PLE(Conc) does not affect the original handle and absorbency of the fabric. Saradye-PLE(Conc) 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	- Improves colour fastness upto 100 ppm available chlorine - Improves colour fastness to chlorine bleach (clorox) - Improves water contact and wash fastness
Concentrated	Economical
Handle absorbency of fabric	Does not affect the original handle and
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 appearances	: Yellow to reddish brown viscous 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



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alkalies

Application

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

Padding process

Saradye-PLE (Conc) : 20-40 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 (Conc) : 2-4% (depending on chlorine content
in water)

Bath pH : 5.0-5.5

Bath Temp. : 50 deg.C

Time : 15-20 mins.

Note:

- Performance of Saradye-PLE (Conc) may vary from dye to dye.

- Saradye-PLE (Conc) has limited durability to wahsing.

Instructions For Dilution

Saradye-PLE (Conc) 53.0

Water 47.0

Total 100.0

Adjust pH to 5.5 +/- 0.5 with ATMP (aminotris (methylenephosphonic acid) if required.

Procedure :

- Take 53.0 kgs of Saradye-PLE (Conc) in SS Vessel

- To it add gradually 47.0 kgs water under stirring and stir for



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10 to 15 min (250 to 300 rpm)

- Stir till the product is completely dissolved
- Adjust the product pH between 5.5 +/- 0.5 with ATMP is required
- Then filter

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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