



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Bariwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

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.

Key Features & Benefits

| Key features ----- | Benefits ----- |
|-----------------------|--|
| Fastness | - Improves colour fastness upto 100 ppm available chlorine - Improves colour fastness to chlorine bleach (clorox) |
| Concentrated | Economical |
| 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 appearances | : Colourless to yellow transparent to slight hazy 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 alkalies |



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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 washing.

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:

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- Take 53.0 kgs of Saradye-PLE(Conc) in SS Vessel
 - To it add gradually 47.0 kgs water under stirring and stir for 10 to 15 min (250 to 300 rpm)



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

It is advisable to utilize the diluted product within 2 months. Stir well before use.

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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