



Sarex Chemicals

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

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PRODUCT LITERATURE

WASHOFF-7499 (CONC)

Product Information

Washoff-7499 (Conc) is wash fastness improver used along with reduction clearing agent to get extremely high wash fastness and DMF fastness of very dark disperse dyed shades. Fabric washed with Washoff-7499 (Conc) reduces the thermo migration during finishing on stenter.

Washoff-7499 (Conc) is used to avoid reduction clearing of disperse dyed PC Blend fabrics to make shorter process time. Washoff-7499 (Conc) is used as solution provider to improve wash fastness of finished polyester blended fabrics which fails in wash fastness. It prevents the tint on white unprinted portion of polyester prints when used in print washing.

Key Features & Benefits

Key Features -----	Benefits -----
Washfastness improver	Improves the washing fastness of disperse dyeing/prints thus finished goods does not fail in washing fastness due to thermo migration.
Solution provider	Can be used to improve the wash fastness of finished polyester/cellulose blend which cannot be subjected to reduction clearing.
Non-foaming	Suitable for jet dyeing machines and washing machines with high turbulence
Versatile	Improves wet and rub fastness of dyed and printed fabric. Cleans machine, removes oligomer deposits

General Characteristics

Physical appearance	: Colourless clear slight viscous liquid
Ionic nature	: Nonionic
pH of 1% solution	: 6 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with anionic, cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies



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Application :--

1. **Washfastness & DMF fastness improver for Dark shades:-**

Process :-- Disperse dyeing (dark shade)- drain -Reduction clearing with Reducon ACD (Conc) (0.5 TO 0.75%) + 0.15 %/ 0.2% Washoff-7499 (Conc) at 80*c - cold wash - unload.

2. **Washfastness / DMF fastness improver Very Dark shades:-**

Process:-- Disperse dyeing (Very Dark shade)- drain -- Hot wash with 0.3% Washoff-7499 (Conc) at 80*c for 15mins. - Cold wash. - Reduction clearing with Reducon ACD (Conc) (0.75% -1%) at 80*c 30 mins- cold wash - unload.

3. **Polyester/Cellulose dyeing without RC :--**

Process:-- Disperse dyeing - drain - bleaching with caustic /peroxide + 0.3% Washoff-7499 (Conc) at 95*c 30 mins- drain - Cold wash + neutralize -drain - Dye cellulose - washing cycle for cellulose as required for that shade.

4. **Correction of Washfastness failed Finished Polyester/ Cellulose fabric due to thermo migration :--**

Process:-- Treat the failed fabric with 0.3% to 0.5% Washoff-7499 (Conc) at 60 to 70*c for 20 mins - drain - Give cold wash and unload.

5. **Disperse printed fabric washing to avoid tint :--**

Process:-- Print - loop steam - Two tanks cold wash - Two tanks hot wash with 0.2g/l Washoff-7499 (Conc) at 60*c - Two three tanks reduction clearing with caustic/hydrose or Reducon ACD (Conc) at 60*c - Hot wash - Cold wash -- Dry

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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