



Sarex Chemicals

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

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PRODUCT LITERATURE

SARAKOL-1583

Product Information

Sarakol 1583 is a versatile product for dyeing of reactive dyes under adverse conditions of dyeing such as hardness of water and high TDS in water. It is also effective washing off agent for different types of dyed/printed fabric.

Due to its chemical nature, the product can effectively sequester the hardness forming ions thereby improving the bath stability. Its dispersing action also ensures that the dyestuff does not precipitate when salt and alkali are added. Thereby reproducibility is good.

Addition of Sarakol-1583 in washing off of reactive dyes ensures easy removal of hydrolysed reactive dyes and prevents re-deposition thereby improving the overall fastness properties.

Key Features & Benefits

Key Features

Based on copolymer of acrylic acid maleic anhydride

Sequestering action

Good dispersing action.

Does not complex with dyestuffs.

Benefits

Stable to high temperature i.e. more than 100 deg.C

Prevents precipitation of reactive dyes in presence of calcium & iron

Good dyebath conditioner for package dyeing.

Colour yield or tone not affected.

General Characteristics

Physical appearance : Colourless to pale yellow viscous liquid

Ionic nature : Anionic

pH of 1% solution : 8.5 to 10

Miscibility : Miscible with water

Compatibility : Compatible with non-ionic and anionic products

Stability : Stable to dilute acids, dilute alkalies



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Application

1. Dye bath conditioner for cotton and blends with Reactive dyes:
1-2 g/l Sarakol-1583
Temp - 80-95 deg.C
2. Continous dyeing of cotton and blends:
2-5 g/l Sarakol-1583
Temp - 80-95 deg.C
3. Washing-off of reactive Dyes (After neutralisation):
1-2 g/l Sarakol-1583
by batch operation as well as continuous operation.
Temp - 80-95 deg.C
4. Washing-off of reactive dyed cotton printed fabric in winch/soft flow machine:
 - * Cold wash for 10 min. Drain.
 - * Add 0.5 g/l Saragen-DAM and pH of bath should be 4.5-5.0 with acetic acid. Run at room temperature for 20 min. Drain.
 - * Add 1.5 g/l Sarakol-1583 and pH of bath should be 4.5-5.0 with acetic acid. Run at room temperature for 20 min. Drain.
 - * Add 1.0 gpl Sarakol-1583 and pH of bath should be 4.5-5.0 with acetic acid. Run at room temperature for 20 min. Drain.
 - * Cold wash for 10 min. Drain

Note: Second soaping is recommended for dark shades only.
5. Washing-off of denim garments to remove tint
1-2 g/l Sarakol-1583 with 1-2 g/l Kalium-NNS
Temp - 80-95 deg.C

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.



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