



COLORIQ
The Chemistry Behinds...

COLORWASH 1516

Soaping Agent Suitable for Soaping of Reactive Dyeing

Product Information

Colorwash1516 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 Colorwash1516 in washing off of reactive dyes ensures easy removal of hydrolysed reactive dyes and prevents re-deposition thereby improving the overall fastness properties.

FEATURES

- Stable to high temperature i.e. more than 100°C
- Good sequestering action
- Prevents precipitation of reactive dyes in presence of calcium & iron
- Good dispersing action
- Good dyebath conditioner for package dyeing
- Does not complex with dyestuffs.
- Colour yield or tone not affected

PROPERTIES

Ph 1% -----→ approx. 8.0 ± 1.0

Miscibility -----→ Miscible in water

Ionic nature -----→ Anionic

Compatibility with

Cationics -----→ Poor

Anionics -----→ Good

Non-ionics -----→ Good

Stability to hard water -----→ Good

Stability to electrolyte -----→ Good

Stability to temperature -----→ Good

DOSAGE & APPLICATIONS

0.2 g/l Colorlube HG conc

0.5 – 1.0 g/l Colorquest DBS liquid

0.5 – 1.0 g/l Colorlevel DLR conc

x g/l Glauber's salt

y % Reactive dyes

Gradually raise the temp to 60°C in 30 mins.

Add

y g/l soda ash

Continue dyeing for 60 mins. Drain. Rinse hot for 15-

20 minutes at 60-70°C Soaping treatment with
0.2 – 0.5 g/l Colorwash1516 (If 10% diluted then
used 2gpl)
Wash at 90°C for 15 – 20 minutes.
Repeat washing for deep shades. Drain
Neutralize with
1 g/l ColoracidAS liquid for 15 – 20 minutes at 40-
60°C. Drain

CAUTION

- 🌍 In case of skin contact, wash with plenty of water.
- 🌍 In case of eye contact, wash with plenty of water and seek medical advice.

PACKING MATERIAL

50KG BAG PACKING.

The storage guidelines for the product

1.Storage Conditions:

- 🌍 Store the product in its original container.
- 🌍 Keep it in a dry, dust-free location at temperatures below 50°C.

2.Ventilation and Compatibility:

- 🌍 Ensure the storage area is well-ventilated.
- 🌍 Keep the product away from incompatible materials (as specified in the Material Safety Data Sheet) and food items.

3.Container Handling:

- 🌍 Seal the container tightly after each use.
- 🌍 Avoid pouring unused material back into the container.

4.Shelf Life:

- The product remains usable for at least 24 months from the date of manufacture.

WORK

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