



COLORIQ
The Chemistry Behinds...

COLORWET-RW

Wetting Agent and Detergent

Product Information

COLORWET-RW is an ultra-low foaming, solvent free, APEO free wetting cum detergent for cellulosic, other natural and synthetic fibres and their blends. Due to its ultra-low foaming characteristics, the product is suitable for jet dyeing machine even at low liquor ratio. The product is also suitable for high temperature scouring, combined scouring and bleaching and washing-off agent. COLORWET-RW confers good rewetting properties to the fabric scoured with it.

FEATURES

- Ultra-low foaming, wetting agent and detergent.
- Powerful emulsifying action
- Stable to high temperature

BENEFITS

- Suitable for soft flow and jet dyeing machines
- Excellent removal of fats, waxes and oils thereby ensuring uniform absorbency.
- Suitable for high temperature scouring, bleaching and high temperature combined scouring and bleaching.

PROPERTIES

Appearance -----→ Colourless liquid.

pH 1% -----→ 7 +/- 1

Ionic character-----→ Non-ionic

Miscibility -----→ Miscible with water

Compatibility -----→ Compatible with cationic, anionic and non-ionic products

Stability -----→ Stable to dilute acids and dilute alkali

DOSAGE & APPLICATIONS

1. Combined Scouring and Bleaching

- COLORWET-RW : 0.2-0.3%
- Caustic soda flakes : 2-3%
- H2O2 50% : 3-8%
- Colorquest 2UD : 0.5-1% (optional)
- Colorstabil-MRS : 0.3-1.2%
- Colorcrease (Conc) (1:60 diluted) : 1%
- Temperature : 98 deg.C, 45-60 min OR 110 deg.C, 15-30 min.
- MLR : 1:4 to 1:10

2. For Washing-off process (After dyeing)

- Load the fabric with 0.4 g/l colorperse-DP
- Run at room temperature for 20 min
- Adjust the pH 6.0-6.5 with Acetic acid
- Raise temperature to 60 deg.C and add 0.3-0.5 g/l COLORWET-RW
- Run for 20 min
- Hot wash 1 - 95 deg.C, 15 min
- Hot wash 2 - 70 deg.C, 15 min
- Cold wash - 10 min : (twice)

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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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