



**COLORIQ**  
The Chemistry Behinds...

## **COLORQUEST-W(CONC)**

Sequestering agent in powder form

### **Product Information**

COLORQUEST-W (CONC) is high power sequestering agent specially developed for scouring as well as bleaching of cotton, terry towel and polyester/cellulosic blends.

It has a high chelating action for calcium, magnesium and iron under alkaline conditions and high temperature. It not only prevents precipitation of insoluble hydroxides and carbonates formed during scouring and bleaching, but also chelates iron impurities thereby preventing catalytic damage and pin-hole marks during peroxide bleaching. It is also suitable for combine scouring and bleaching operation.

### **FEATURES**

- High chelation value for calcium and iron.
- Very Good sequestering action over wide pH and temperature range.
- Safe cellulosic bleaching.

### **BENEFITS**

- Suitable for processing with hard water.
- Readily soluble and auto dispensable.
- Reduces the degradation of fibre.

## PROPERTIES

Appearance -----→ White powder

Ph 1% -----→ 6 +/- 1

Ionic nature -----→ Non-ionic to weakly anionic

Miscibility-----→ Soluble in water.

Stability -----→ Stable to dilute acids dilute alkalies & hard water.

Compatibility-----→ Compatible with anionic  
& non-ionic product.

## DOSAGE & APPLICATIONS

In scouring, bleaching as well as combined scouring and bleaching of cotton and blends by batch process:

0.25-0.5 g/l Colorquest-w (Conc) can be added with usual recipe to prevent white deposits as well as pin-hole marks due to iron. When Colorquest-w (Conc) is added in the recipe, concentration of organic stabiliser can be reduced due to stabilising action of Saraquest-W (Conc).

For dyeing of reactive, vats & sulphur dyes up to 200-250 ppm hard water, 0.25-0.4 g/l Colorquest-w (Conc) can be added before addition of dyebath conditioner/levelling agent to soften the water.

Pretrials are recommended to arrive at required concentration when Colorquest-w (Conc) is necessary during dyeing.

For combined scouring and bleaching on continuous bleaching range 0.3-0.5 gm/kg Colorquest-w (Conc) is recommended

In bioscouring of cotton 0.2-0.3% Colorquest-w (Conc) is recommended to prevent precipitation of pectin residues at the end of bioscouring and before peroxide bleaching

Note: Please note that for dosing, 10% dilution of Colorquest-w (Conc) is recommended instead of neat solution.

## **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**

25KG 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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