



## PRODUCT LITERATURE

### SARAOUEST-W

#### Product Information

Saraquest-W is high power sequestering agent specially developed for scouring as well as bleaching of cotton, terry towell 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.

#### Key Features & Benefits

##### Key Features

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High chelation value  
for calcium and iron.

Good sequestering  
action over wide pH  
and temperature range.

##### Benefits

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Suitable for processing with  
hard water.

Suitable for scouring, bleaching  
and washing off.

#### General Characteristics

Physical appearance	: Colourless liquid
Ionic nature	: Anionic
pH of 1% solution	: 2 +/- 1
Miscibility	: Miscible with water in all proportion
Compatibility	: Not compatible with cationic products
Stability	: Stable to dilute acids, dilute alkalies and hard water

#### Application

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

0.5-1 g/l Saraquest-W can be added with usual recipe to prevent white deposits as well as pin-hole marks due to



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iron. When Saraquest-W is added in the recipe, reduces the concentration of organic stabiliser as it has stabilising action.

2. For dyeing of reactivities, vats & sulphur dyes upto 200-250 ppm hard water, 0.5 g/l Saraquest-W can be added before addition of dyebath conditioner/levelling agent to soften the water. However, pretrials are recommended to arrive at required concentration when Saraquest-W is necessary during dyeing.

3. For combined scouring and bleaching on continuous bleaching range

0.5-1 gm/kg Saraquest-W is recommended

4. In bioscouring of cotton

0.3-0.5% Saraquest-W is recommended to prevent precipitation of pectin residues at the end of bio-scouring and before peroxide bleaching. Quantity of peroxide stabiliser can be reduced when Saraquest-W is added before bleaching.

Note: Please note that for dosing, 10% dilution of Saraquest-W is recommended instead of neat solution.

### Precautions

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| 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.  |