



## TECHNICAL INFORMATION

### SEGAQUEST CPL LIQ.

**Non foaming sequestering agent and protective colloid with dispersing properties for dyeing of cellulose and polyester fibers and PES/CEL blends**

- It is an acrylate-based product and does not contain phosphonic and aminocarboxylic acid.
- It has a strong complex effect on salts which exhibits hardness.
- It prevents the precipitation of insoluble calcium or magnesium salts and hardness-sensitive dyes in dye baths.
- It is a soaping agent used to remove unfixed reactive and Sulphur dyes.
- It does not give any damage to the metal-complex dyes.
- Dispersing agent in dyeing of reactive, polyester and their blends by showing a good property provides a homogeneous distribution of the dye in the bath and keep of ions from water or fabric.
- Recommended to prevent the negative effect of hardnessforming salts, particularly on the solubility of the dyes.

For each

12.5 °E-hardness it is advisable to add 0.5 g/L Segaqest CPL Liq. to the dyebath.

- In the pad batch process with reactive dyes and sodium silicate it is advisable to add a further 0.25 – 0.75 g/L Segaqest CPL Liq. to both the pad liquor and the first two rinsing baths to improve washing off of the sodium silicate and to reduce the redeposition of insoluble silicates on the goods or machine (crusting).
- In indigo dyeing and dyeing with sulphur dyes on indigo ranges Segaqest CPL Liq. has a stabilizing action on the indigo vat and a dispersing effect on the indigo dye.

## PROPERTIES

<b>Chemical Structure</b>	Acrylic acid maleic anhydride copolymer
<b>Appearance</b>	Yellowish Liquid
<b>Ionic Character</b>	Anionic
<b>pH</b>	6.0–7.5

## APPLICATION

Segaqest CPL liq. dispersing agent in dyeing of reactive, polyester and their blends by showing a good property provides a homogeneous distribution of the dye in the bath and keep of ions from water or fabric.

Segaqest CPL liq. is recommended to prevent the negative effect of hardness-forming salts, particularly on the solubility of the dyes. For each 12.5°E-hardness it is advisable to add 0.5 g/l Segaqest CPL liq. to the dyebath.

In the pad batch process with reactive dyes and sodium silicate it is advisable to add a further 0.25–0.75 g/L Segaqest CPL liq. to both the pad liquor and the first two rinsing baths to improve washing off of the sodium silicate and to reduce the redeposition of insoluble silicates on the goods or machine (crusting).

In indigo dyeing and dyeing with sulphur dyes on indigo ranges Segaqest CPL liq. has a stabilizing action on the indigo vat and a dispersing effect on the indigo dye.



**Applicable amount:** 1–3 g/L Segaquest CPL Liq.

#### **PRECAUTIONS**

**Storage:** The storage life in original package at 0–40 °C is 12 months.

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