



## TECHNICAL INFORMATION

### SEGAQUEST DP

It is a dispersant (dispersing) agent used in dyeing, post-dyeing, and printing processes with reactive and wax dyes. It can be used in all process of polyester, cellulose and PES / CEL blends. It is an non-foaming and excellent sequestering agent especially with  $\text{Ca}^{2+}$ ,  $\text{CaCO}_3$  and  $\text{Fe}^{3+}$ .

- It is a soaping agent used to remove unfixed reactive and Sulphur dyes
- It is an anti-caking agent used in after-weaving process of denim fabrics.
- It is an anti-oligomer agent used in reducing cleaning process of polyester fabrics after dyeing and printing applications.
- It prevents the precipitation of insoluble calcium or magnesium salts and hardness-sensitive dyes in dye baths.
- It does not give any damage to the metal-complex dyes, thus it can be used with reactive dyes.
- Ion sequestering property is not affected by temperature.

### PROPERTIES

Chemical Structure	Specially modified polyacrylate
Appearance	Clear, slightly yellowish liquid
Ionic structure	Anionic
pH	3.5-4.5
Density	1,20-1,25 g/cm <sup>3</sup>

### APPLICATION

Segaquest DP shows good dispersing properties reactive, polyester and their mixtures of dyeing and it ensures homogeneous dispersion of dye in bath. It also keeps the ions from water or fabric.

### Recommended Applicable Amount

Pre-treatment	0.5 -1 g/L Segaquest DP
Elimination of white collapse occurred in the fabric	1.0- 1.5 g/L Segaquest DP
Dyeing with reactive dyes	0.5-2.0 g/l Segaquest DP
Exhaust dyeing with vat or Sulphur dyes	1.0-3.0 g/L Segaquest DP
In disperse dyeing as dispersing	1g/L Segaquest DP (under 1/7 liquor from 1%)
Denim fabric washing	5g/L segaquest DP

### STORAGE & HANDLING

The storage life in original package at 0-40 °C is 12 months.



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