



## TECHNICAL INFORMATION

### SEGANAL TDE

Designed for dyeing PES materials with disperse dyes; It is a concentrated leveling/dispersing agent with adjusted foam.

- By regulating edit retardar effect, it prevents dye bumps.
- Provides penetration and migration of disperse dyestuffs.
- It ensures perfect dispersion of oligomers.
- It can be used to lighten the dyeing.
- It can be used as an auxiliary in stripping of dyes and in reductive baths.
- It is a washing agent which provides rapid removal of unfixed dyes during washing and reductive cleaning process of dyeing and printing.
- It is resistant to solutions. It can be added to the dye bath without any problem.
- It has high thermal stability and can be used under pressure up to 135°C.

### PROPERTIES

<b>Chemical Structure</b>	Ethoxylated fatty acids
<b>Appearance</b>	Brown viscous liquid
<b>Ionicity</b>	Anionic/Nonionic
<b>pH</b>	6.0–8.0
<b>Density</b>	~1.10(g/cm <sup>3</sup> )
<b>Stability</b>	With salts, acids, alkalis good
<b>Compatibility</b>	anionic and nonionic products good
<b>Solubility</b>	Soluble in all proportions with water(40 °C)

### APPLICATION

Seganal TDE; is suitable for shrink dyeing of PES, PA, acetate and triacetate fibers with disperse dyes.

<b>Dyeing</b>	%0.5 – 1 Seganal TDE
<b>Washing of the dyeing</b>	%0.5 – 1 Seganal TDE , 50 – 70° C
<b>Reduction clearing of dyeing</b>	% 1 Seganal TDE 3–4 ml/L Caustic 48°Bé or soda 2–4 g/L Hydrosulfite 80–90° C 20min

### PRECAUTIONS

#### Storage:

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

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