



## TECHNICAL INFORMATION

### SEGAPERS DPG

#### Wide spectrum dispersing agent for disperse dyes

- Provides the best dispersion of disperse dyes in dye bath
- Provides contamination of paint machines
- Paints have no effect on light fastness
- No yellowing for polyester fibers
- Suitable for dyeing polyester blends (wool, cellulosic fiber) with disperse dyes
- Creates less foam even in air-flow machines
- It helps to fix non-fixed paint over fabric
- It is a product that provides higher production reliability

## PROPERTIES

<b>Chemical Structure</b>	Aromatic sulfonates and ester mixtures	
<b>Appearance</b>	Brown, slightly viscous liquid	
<b>Ionic Character</b>	Anionic	
<b>pH</b>	6.0–8.0	
<b>Density</b>	1,15+/-0,05 g/L	
<b>Stability of solutions</b>	Hard water	good
	acids/alkalis/electrolytes	good
<b>Solubility</b>	Soluble in water at any ratio	

## APPLICATION

Segapers DGP.; PES, PES-cellulose and PES-wool blends which can be used for dyeing shows a high dispersion property.

### Amount of Usage

**Amount of use for dyeing:** 0.5–1 g/L

**Amount of use for washing:** 1.5–2 g/L

## HT PAINTING

Segapers DPG is added to the warm dye bath at 50–60 ° C. The pH is adjusted to 4.5 by using Segacid TMP, % x Disperse dye is added. In a hot paint bath (120–135 °C) 60–90 min is stained. The dyeing process is fast and evenly distributed, so heating and dyeing can be done in less time.

- Segapers DPG is not recommended for fluorescent color applications.

## PRECAUTIONS

Segapers DPG should be removed by washing with water in contact with the skin. Prolonged exposure should be avoided.

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

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