



## TECHNICAL INFORMATION

### SEGAPREP ZST

#### Oil Remover and Wetting

Segaprep ZST silicone-free wetting, washing and cleaning agent for cotton and blends.

- It provides to keep impurities removed from the fabric in the bath because of its good dispersion property.
- It can be used for dyeing and pretreatment processes.
- Compatible with enzymes.
- Compatible with all chemicals in the peroxide washing bath.
- APEO free, biodegradable and environmentally friendly.
- Low foaming

## PROPERTIES

<b>Component</b>	Surfactant
<b>Appearance</b>	Clear liquid
<b>Ionicity</b>	Nonionic
<b>pH</b>	6.0-8.0
<b>Density</b>	~1.01 g/cm <sup>3</sup>
<b>Stability</b>	Stable at acid, alkali and oxidant agent
<b>Solubility</b>	Easily soluble in water

## APPLICATION

Segaprep ZST has a variety of applications such as wetting, scouring, bleaching and scour/dyeing. It is suitable for highly turbulent jet dyeing machines due to low-foaming properties.

### 1) Scouring process

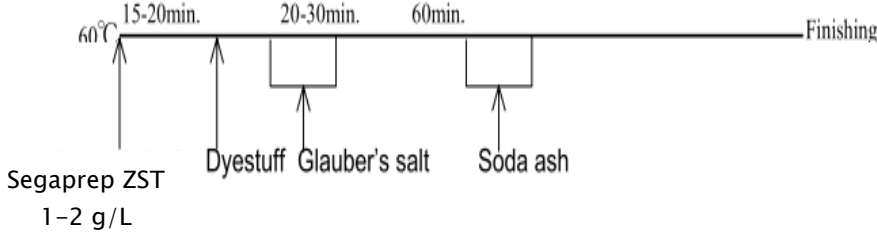
Segaprep ZST 0.8-2.5g/L  
Caustic or NaOH 2-10g/L  
Segaquest ARSK 1-2g/L (sequestering agent)  
L.R. 1:8-1:20  
Temperature 80-100°C  
Time 30-90min.

### 2) Scouring and bleaching one bath process

H<sub>2</sub>O<sub>2</sub> (35%) 4-8ml/L  
NaOH 1-2g/L  
Segaprep ZST 0.5-2.5g/L  
Segastab MSS liq 0.5-1.0g/L (stabilizer)  
L.R. 1:8-1:20  
Temperature 90-100°C  
Time 30-60min.

### 3) Scouring and dyeing one bath process

This process is suitable for fabric, yarn and loose fiber for medium to dark shades.



### PRECAUTIONS

#### Safe Use and Handling

Good hygienic and industrial practices should be followed and, SEGAPREP ZST when employed as recommended will not present any hazard. However, prolonged skin contact with the neat product should be avoided and any splashes on the skin should be washed off with water.

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

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