



## TECHNICAL INFORMATION

### SEGAPREP ZS liq.

#### Oil Remover and Wetting

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

It can be used to remove mineral oils and other impurities from surface of the fabric.

- 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

Component	Surfactant
Appearance	Clear liquid
Ionic Character	Non-ionic
Density	~1.01 g/cm <sup>3</sup>
pH	5.0-7.0
Stability	Stable at acid, alkali and oxidant agent
Solubility	Easily soluble in water

## APPLICATION

Segaprep ZS liq. 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 ZS liq. 0.5-2 g/L

Caustic or NaOH 2-10g/L

Segaquest ARSK 1-2g/L (ion immobilizer)

L.R. 1:8-1:20

Temperature 80-100°C

Time 30-90 min.

### 2) Scouring and bleaching in one bath process

H<sub>2</sub>O<sub>2</sub> (35%) 4-8ml/L

NaOH 1-2g/L

Segaprep ZS liq. 0.2-1.0g/L

Segastab MSS 0.5-1.0g/L (stabilizer)

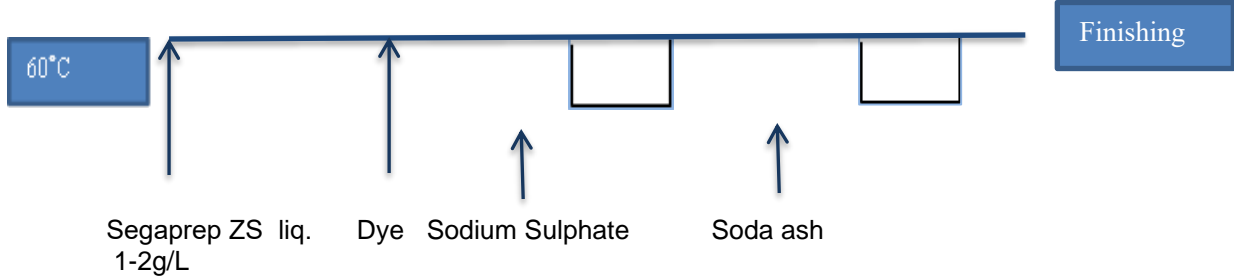
L.R. 1:8-1:20

Temperature 90-100°C

Time 30-60 min.

### 3) Scouring and dyeing in 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 ZS liq. 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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