

## Scouring Agent SES

### Description

A scouring agent used on natural fibers such as cotton, linen etc, with good dispersing and degrading capacities to cotton impurities such as cottonseed hull, natural oils, waxiness and pectin. It can improve whiteness, moisture wicking and penetration to the textures, which is helpful to dyeing and printing.

With excellent scouring performance which makes dyeing for dark color easier, saving dosage of dyeing agent.

Energy conservation and emission reducing is reachable because SES can be scoured at quite low temperature.

### Typical and Physical Properties

Product Type		Auxiliary/Scouring Agent
Application		Industry
Brand		SCC
Packaging		60Kg/Drum, 125Kg/Drum
Standard Instructions		Company Standard
Volatility		Stable at Normal Temperature
Solubility		Soluble
pH Value		7±1(1% Aqueous Solution)
Appearance		Colorless Transparent Liquid
Specific Gravity		1.00
Ionicity		Nonionic
Compatibility	Cationic	Soluble, no deposit
	Nonionic	Soluble, no deposit
	Anionic	Soluble, no deposit

### Potential Applications

- Pretreatment scouring agent for cotton yarn and cotton fabrics.
- Pretreatment scouring agent for cotton, synthetic & blended fabrics.
- Pretreatment scouring agent for ramie fabrics.
- Pretreatment scouring agent for knitted cotton & spandex fabrics.

### Key Features and Benefits

1. Depuration efficiently after scouring and obtain good capillary effect.
2. Energy saving at low temperature scouring.
3. With excellent moistening and penetration performance.

4. Little foaming, good degreasing and user friendly, suitable to one bath process of scouring and dyeing.
5. Stable to hard water and electrolyte.

### **How to Apply**

Pretreatment formula on rope form overflowing machine:

Auxiliaries	Dosage
Hydrogen Peroxide (50%)	3-5%
Sodium Hydroxide	1-2%
Scouring Agent SES	1-2%
Liquor Ratio	1:10
Temperature	90-98℃
Time	45min

### **Formulas & Charts**

Pretreatment formula for 32S knitted interlock fabrics:

Equipment: Rope form overflowing dyeing machine

Technology Recipe:

Auxiliaries	Dosage
Hydrogen Peroxide (50%)	4% (o.w.f)
Sodium Hydroxide	1.5% (o.w.f)
Scouring Agent SES	1.5% (o.w.f)
Liquor Ratio	1:10
Temperature	95℃
Time	45min

In accordance with above recipe to pretreatment for 32S knitted interlock fabrics, scouring effect and application as below:

Whiteness Degree (SBD Value)		78
Boiled Weight Loss		6.1%
Capillary Effect	In 2mins	5.8cm
	In 30mins	17.8cm
Foam in Working Bath	Immediate	4.8cm
	In 10mins	3cm
Penetration of Working Bath	Without SES	Nonwetting (>3min)
	Fabric Wetting Completely	6s

### **Precautions**

1. With good penetration, SES can be added before fabric for full wetting and run smoothly.
2. Stir well before use after long time placing.

3. Reference formulas are just for instruction only, dosage for actual production depends on conditions of the factory equipment and fabrics composition. It is essential to have sample trial before production.

**Packaging**

Plastic drum, 125Kg/Drum

**Storage**

Prevent from freeze and sunlight exposure, place in a ventilated cool area.

**Shelf Life**

12 months

**Notes**

Kindly please sure to have bulk trials before production to ensure the optimum formula. Any questions or suggestion please contact SCC client service hotline: 86-400-9955331 or website: [www.thescc.net](http://www.thescc.net) to obtain more information. The manual may be updated according to SCC technology; we shall inform you the latest update timely.

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