

## AVCO-SON SGL

### DECOLORIZING AGENT FOR DENIM WITH GREISH LOOK

AVCOSON SGL is an activated oxidizing agent used for decolourising process of denim after stone-wash and scouring.

AVCOSON SGL is used to replace sodium hypochlorite solution (sodium hypochlorite is very toxic) for bleaching denim in a more controlled process along with lower deterioration of fabric strength and elasticity of denim fabrics containing elastane yarns.

#### SPECIFICATION:

Appearance	White powder
Chemical nature	Hetrocyclic chlorine derivative
pH (10% sol.)	6.5 ± 0.5
Density (gr/cc 25°C)	App. 0.85
Ionicity	Anionic
Solubility	Miscible with water at any ratio
Resistance to: Acids, Alkalis, Electrolytes , Water- hardness	Not resistant Resistant
Storage stability:	a. Store sealed in a cool place. Do not store in direct sun. AVCOOSON SGL is an oxidizing agent and is sensitive to organic substances such as wood, dust, oils, etc. b. When properly stored, storage stability is at least 12 months.
Compatibility:	AVCOOSON SGL is not compatible with reducing substances, and should not be mixed with acids.

#### PROPERTIES & USES:

1. AVCOSON SGL is bleaching stone-washed denim garments to obtain lighter blue colours with high contrast and a greish look.
2. AVCOSON SGL when properly used does not damage fabrics strength.
3. Does not impair elastane yarns elasticity.

## **Technical – Information**

### *APPLICATION:*

#### **1. Oxidation in an open width washer:**

- a. Set oxidizing bath with:  
AVCOSON SGL 2 - 5 g/l  
Treat at 70-80°C.
- b. Oxidation should be terminated by a hot wash (70°C) with 1-2g/l SYNTOSON OX and cold rinse.

#### **2. Oxidation in the washing machine.**

- a. Set bath with:  
1-3 % AVCOSON SGL
- b. Start cold and heat up to 70-80°C.
- c. Continue oxidation for 15-20 minutes.
- d. Oxidation should be terminated by a hot wash with 1-2 g/l SYNTOSON OX and a cold rinse.

### *SAFETY:*

1. Wet or dried residues of AVCOSON SGL are strong oxidizing materials, and should be cleaned as soon as possible with a stream of water.
2. AVCOSON SGL reacts violently with strong reducing agents and with acids.