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Associazione Tessile e Salute  
Azienda associata

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## GAMMASOFT SC

Sliding-polish yarns and fabrics.

### **CHEMICAL-PHYSICAL CHARACTERISTICS:**

Appearance: milky liquid

Chemical constitution: microcrystalline waxes in water emulsion

Ionic charge: weakly cationic

Behaviour in water: soluble in any ratio

pH 10% water emulsion: ~ 6

Stability to hard waters: excellent even at 20° DH

Compatibility: compatible with products in cationic and non-ionic.

Storage stability: good under normal conditions, protect from frost

### **PROPERTIES:**

**Gammasoft SC** is an aqueous emulsion of microcrystalline waxes with specific use as a lubricant and polishing for spinning of cotton yarn, knitting in general, in warping and in the formulation of dressings or in combination with other products.

**Gammasoft SC** is used as a softener and lubricant of cotton yarn and its blends intended to circular looms for the production of knitwear in tubular and or sports socks sponge. With which he gives a soft hand-touch and at the same contributes to decrease the friction index of the yarn; due to breakages during the weaving phase.

**Gammasoft SC** unlike the other paraffinic emulsions contains no thickening agents or protective colloids such as CMC substances, glue, casein, cellulose ethers etc.. You are obtained as particularly valuable finishes with a full exploitation of lubrication characteristics and shiny own product.

**Gammasoft SC** can be applied to raw or dyed material as it normally does not change the strength of the color, rather it increases the brightness and enlivens the shades.

**Gammasoft SC** also applies to animals yarns, which also gives it a warm and soft hand-touch.

**Gammasoft SC** emulsions are prepared by simply mixing the product with cold or lukewarm water.



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## USE:

**Gammasoft SC** gives the yarn a high degree of lubrication and, indirectly, a surface protection, improving smoothness. It is very useful to decrease the degree of friction during the step of warping of cotton yarn or of cellulosic fibers, to which also confers a soft and slippery hand-touch. The use amount ranging from 2 to 4% of the weight goods and the application. It takes place usually used closet.

**Gammasoft SC** can be used in the winding of yarn typically by carrying out the operation in the special basins thereby avoiding the waxing with conventional diskettes. For finishing of tubular knitwear of cotton, wool and synthetic fibers, **Gammasoft SC** is used to scarf or on machines to reel in the ratio of 20-30 g/l to confer soft and plastic hand-touch without decreasing the elasticity of the articles. It can also be used together with vinyl acetate resins to increase the buoyancy of the article, in this case we recommend the use of 20-30g/l **Gammasoft SC** and 10-30g/l acetovinyl resin.

These amounts, however, are variable and you have to adapt to the type of fiber being processed and the desired effect.

Keywords: gliding, polishing, lubricant, soft hand

Data contained in this document is not intended to be specific but indicative and without any guarantee.  
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