Britacel Silicones Ltd.

SMOOTH ® 19

Cold water soluble cationic softener with remarkable smoothness on all types of Knits, Hosiery's etc.

CHARACTERISTICS	BENEFITS
Quarternised cationic softener	Imparts remarkable smoothness on all types of knits, hosiery etc.
Cold water soluble.	Cold water soluble and forms a stable dispersion
Enhanced fibre lubrication	Improved sewability of fabrics
Does not cause yellowing on whites	Economical product, can be used for both dyed as well as white goods
Good exhaustible property	Versatile application

PROPERTIES

Ionic nature: Cationic

Physical Appearance: Off white liquid

Specific Gravity at 25ºC   0.99 - 1.05
- 30⁰ C

pH(5% solution)   3.0 – 5.5

Compatibility: Compatible with most cationic and nonionic products used in textile finishing

Solubility in water at 25ºC: Soluble

Storage stability: SMOOTH 19 is stable for 6 months when properly stored in closed containers at 25ºC

Technical Data Sheet: SMOOTH 19_TDS   **DT:11.03.2020**

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Ecology/Toxicology: The usual hygiene and safety rules for handling chemicals should be observed in handling, storage and use of the product. The product must not be swallowed.

APPLICATION

Product can be applied both by padding and exhaust methods

Padding application

20 – 30g/l SMOOTH 19

Is recommended in the padding bath depending on the type of fabric and softness desired, followed by drying at 130ºC

Exhaust application

2 – 3% (owf) SMOOTH 19

Is recommended at a liquor ratio of 1:10 to 1:15 depending on the type of fabric and softness desired, treat for 15-20 minutes at room temperature, followed by hydro extraction and tumble drying at 80 - 130ºC

NOTES

A precipitate may be formed if **SMOOTH 19** is used in presence of cationic retarders, glauber salt etc.

It is not recommended to be used on jet machines or other machines with very high shear action as it can cause emulsion breakage

If exposed to the atmospheric air for a prolonged period it may cause creaming which on stirring dissolves completely. Product should be kept all the times in closed containers away from direct sunlight

ATTENTION

The information given above is in line with our present state of knowledge and experience and is without any guarantee. Users must thoroughly test any application before any commercialization. We are not liable for damages due to improper application of our products.