



# MIRACHEM INDUSTRIES

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## TURBOSOFT – SC

**Turbosoft – SC** is a concentrated Amino functional polysiloxane in the form of a micro emulsion for imparting permanent softening effects on all types of fibres.

- Imparts an extremely soft, flowing handle to the goods.
- Is suitable for pad and exhaust application
- Improves as an addition to resin finishing liquors, the technological properties of the goods (Crease behavior, tear and abrasion resistance and wash and wear effects)
- Improves sewability of the finished goods
- Increases the elasticity and stretch recovery of knit goods.

### **Properties:**

Appearance	: Colourless transparent viscous liquid
Chemical Nature	: Micro Polysiloxane
Ionic Nature	: Nonionic
Solubility	: Soluble
pH (2% solution)	: 5.0 – 6.0
Stability	: Resist to hard water
Compatibility	: Compatible practically with all products used in finishing
Storage Stability	: Stable for 6 months if stored in a cool & dry place. (Not sensitive to frost)

### **Method of Application:**

Prepare a stock solution of 20% **Turbosoft – SC** using soft water before application.

#### For Cotton Fabrics ( Pad-dry-cure Technique)

<b>Mirapret – Eco</b>	→	80 – 100 gpl
Mgcl <sub>2</sub> 6H <sub>2</sub> O	→	3 – 5 gpl
<b>Turbosoft – SC (20%)</b>	→	15 – 25 gpl
<b>Miragin – V</b>	→	25 – 40 gpl

#### For P/C and P/V blended fabrics

<b>Turbosoft – SC (20%)</b>	→	12 – 25 gpl
Acetic acid	→	0.75 – 1.0 gpl

**P. T. O. →**



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## For 100 % Cotton Shirting ( Pad-dry-cure @ 150° C for 4.0 minutes )

<b>Mirapret - Eco</b>	→	90 – 120 gpl
Mgcl <sub>2</sub> 6H <sub>2</sub> O	→	2.5 – 3.0 gpl
<b>Bacofinish - PES</b>	→	25 – 35 gpl
<b>Silky Peach – 30</b>	→	10 – 15 gpl
<b>Turbosoft – SC (20% )</b>	→	10 – 12 gpl
<b>Turbosoft – HPS</b>	→	15 – 20 gpl
<b>Emset – A</b>	→	25 – 30 gpl
<b>Miragin – SIN</b>	→	40 – 50 gpl

## For silk and its blends fabrics:

<b>Turbosoft – SC (20% )</b>	→	15 – 30 gpl
Acetic Acid	→	05 – 1.0 gpl

## **General safety instructions**

The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use.  
The product should not be swallowed. For further information, please consult existing safety data sheet.

## **Note :**

The data contained in this communication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.