



## TECHNICAL LITERATURE

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## TURBULANT – SS

An additive and softener for Textile finishing. Turbulant - SS is a **Non – yellowing** softener and imparts **soft and elegant** fabric handle.

### Salient Features:

- Imparts an extremely soft, elegant fabric handle.
- High stability to the shearing forces of Padding Rollers and hence very good running properties when applied by padding.
- Imparts hydrophilicity. Ideal for terry towels and knitwear.
- Suitable for Pad & Exhaust application.
- Has a very low yellowing tendency hence, can be used on bright dyeings and whites.
- Provides inner softness with unique cool, natural and dry handle to all types of fabrics.





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### Properties:

Appearance	: Translucent liquid
Chemical Nature	: Modified polysiloxane.
Ionic Nature	: Active Cationic
Miscibility	: Miscible in cold water
pH ( 2% solution )	: 4.5 – 5.5
Shearing Stability	: Very good
Stability	: Resist to Hard Water
Foaming behavior	: Minimal foaming
Compatibility	: Not compatible with Anionic products
Storage Stability	: Stable for 3 months

(When stored in a cool & dry place)





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### Method of Application:

Softening of cellulosic fibres & blends with synthetic fibres of all kinds.

### Dosage Recommended:

#### EXHAUST METHOD ( Especially Knits & Terry Towels ):

- A. Turbulant – SS** → 1.5 – 3.0 % ( o.w.m. )  
pH → 5.5 – 6.5 ( with **Mira Acid PD Liquid** )
- B. Turbulant – SS** → 1.5 – 2.0 % ( o.w.m. )  
**Accent – 1001** → 2.0 – 3.0 % ( o.w.m. )  
pH → 5.5 – 6.5 ( with **Mira Acid PD Liquid** )

#### PADDING / CONTINUOUS METHOD:

- A. Turbulant – SS** → 40.0 – 60.0 gpl  
pH → 5.5 – 6.5 ( with **Mira Acid PD Liquid** )
- B. Turbulant – SS** → 20 – 30 g/l  
**Accent – 1001** → 20 – 40 g/l  
pH → 5.5 – 6.5 ( with **Mira Acid PD Liquid** )





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### General safety instructions:

General 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.

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