



## TECHNICAL LITERATURE

## TURBULANT - SAI

**TURBULANT - SAI** is an unique micro emulsion, for extremely soft, non-yellowing and hydrophilic effects on mainly cellulosic substrates.

### Salient Features:

- Superior softness, extremely soft handle on terry towels, baby-wear, knit-wear and woven fabrics.
- Non-yellowing nature most suitable for use on full white goods.
- High hydrophilic effects, extremely useful for application on terry towels and clothes in intimate contact with body.
- Offers excellent anti-static properties.
- Enhanced stretch recovery suitable for knits, helps to keep the fabric shape during washing, drying and wearing.
- High affinity to the substrate with excellent exhaustion properties.
- Stable to alkaline and high temperature finishing conditions.

### Properties:

Physical Appearance	: Colourless Liquid.
Chemical Nature	: Glycol modified micro polysiloxane.
Ionic Nature	: Nonionic.
Solubility in water @25°C	: Readily Soluble.
pH ( 2% solution )	: 5.0 ± 1.0
Compatibility	: Compatible with most cationic and non-ionic products in textile finishing.
Storage Stability	: Stable for 6 months. (When properly stored in a cool & dry place in closed containers at 25°C )
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.

**TURBULANT - SAI** can be applied both by exhaust and padding methods.

#### Padding application

3 –20g/l **TURBULANT - SAI** is recommended in the padding bath depending on the type of fabric and required softness followed by drying at 130°C - 150°C

#### Exhaust application

0.3 – 2% (o.w.f.) **TURBULANT - SAI** is recommended at a liquor ratio of 1:6 to 1:10 depending on the type of fabric and required softness, run for 15 - 20 minutes at room temperature followed by drying at 80 -130 °C





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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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### Contact Information:

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