



## Technical Data Sheet

### EUROSOFT SNI

Cold water Dispersible Cationic Softening Agent Solid Prill

**Uses:**

**Softening agent for Exhaust and Pad application**

**For superb softening, smooth hand and non-yellowing properties**

Characteristics	Benefit
* <b>Soft handle with an excellent surface smoothness</b>	* <b>Extremely soft, smooth hand</b>
	*Allows production of fabrics and garments with a high whiteness and minimal shade change on colored fabric
* <b>Very high degree of exhaustion</b>	* <b>Excellent product efficiency. Low waste water contamination. Product can be used even from long liquor ratios</b>
* <b>Extremely effective at preventing static build-up.</b>	*Reduces fabric processing problems especially in fabric cutting & sewing by allowing easier laying, separation and manipulation of the fabric plies. Reduces static cling during display and wearing of garments



**PROPERTIES**

Chemical constitution	Quaternized Fatty Amide
Ionic character	Lightly cationic
pH	4 -5 (1% formulation)
Bulk density (20C)	0.94 g/cm <sup>3</sup>
Physical form	White pastilles.
Storage stability	<b>EUROSOFT SNI</b> is stable for 2 years when properly stored in closed containers at 20C. The product is sensitive to temperatures below-10 C and above 30 C.
Ecology/ Toxicology	The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. The product must not be swallowed.
	<b>For further information on EUROSOFT SNI especially particulars regarding safety when handling, toxicological and ecological data, please consult our MSDS.</b>
Compatibility	<b>EUROSOFT SNI</b> is compatible with common finishing auxiliaries . Preliminary trials are advisable before using the product with anionic products (e.g. optical brighteners for cellulose).

### **Application**

EUROSOFT SNI Textile Softener is normally applied by Padding or Exhaustion.

### **Dissolving / diluting**

EUROSOFT SNI textile softener is particularly suitable to produce very stable stock solutions by a simple dilution process. It is recommended to dilute EUROSOFT SNI textile softener to a 5% or 10% stock solution. A solid content of 14% should not be exceeded in order to receive a viscosity which can still be pumped. The required amount of water should be set to a temperature of 60 - 80 Deg.C. The pastilles are added under continuous stirring until complete dissolving (approximately 60 - 120 minutes). The formulation should be cooled down under continuous stirring to prevent skin formation on the surface.

### **Important advice**

Before transferring the formulation into the storage tank, it should be filtered.

### **Required amount**

Exhaust method:	0.5 - 4.0 % o.w.f.	EUROSOFT SNI (10 % formulation)
Pad application:	8 - 30 g/l	EUROSOFT SNI (10 % formulation)

### **Application**

#### *Exhaust method*

pH: 5.0 - 5.5 (adjusted with acetic acid 60 %)

Liquor ratio: 1:8 - 1:15

Time: 20min - 35min

Temperature: 30 - 40 °C

Extract water and dry at 110 - 130 °C  
without rinsing process

#### *Pad application*

Padding with a liquor pick-up of 60-90 %

Bath temperature approx. 20 °C

Drying at 110-130 °C

A combination with cellulose cross linking agents is not possible.

#### **NOTES**

Due to cationic nature of EUROSOF SNI textile softener, it is advisable to check the bath stability, if combined with products of anionic character.

In case of articles produced with disperse, reactive, vat and naphthol dyes; we recommend checking the wash and crock fastness properties.

#### **Spray application (not product specific)**

Aerosols are generated through the spraying technique that potentially may be hazardous to health. For the reason spray application can only be safely conducted if sufficient ventilation equipment is installed at the product application site which will prevent spreading of the aerosol into the workplace. An alternative would be to carry out the spraying application in a closed system.

#### **ATTENTION**

Our technical data sheets provide direction for the application possibilities of our products. Any influence on dyes, prints and their fastness properties, degree of whiteness, fabric properties, handle, non-slip, seam resistance material strength, ageing resistance, odor of finished fabric etc. are under the users own responsibility. Due to the many different textile variation we are not able to submit a general recommendation. Our recommendations are in line with our present state of knowledge and do not provide any guarantee. Therefore initial internal bulk trials are absolutely necessary. The manufacturer is not liable for damages due to improper application or application against our explicit recommendation. Statutory provisions and standard regulations must be observed when handling processing agents.