

## TUBINGAL AGS

### Characterization

Textile softener for padding and exhaust procedures

#### Chemical Structure

Fatty acid condensation product with functional polysiloxane

#### Supplied Form

Light beige liquid

#### pH Value of a 10 % solution

4.0 – 6.0

#### Ionic character

Slightly cationic

#### Specific weight at 20 °C

Approx. 1.0

#### Stabilities

TUBINGAL AGS is stable to hard water, electrolytes, alkalis and acids in the usual industrial concentrations.

The product is sensitive to frost; temperatures around the freezing point cause irreversible changes.

#### Storage

TUBINGAL AGS can be stored for at least 12 months if stored properly in closed, original containers.

### Properties

Characteristic properties of TUBINGAL AGS are the following:

- good antistatic properties
- good hydrophilicity of the fabric even it has been overdried in long tumbler processes
- excellent soft and fluffy handle especially on terrycloth articles
- improved sewability
- stable to yellowing
- supports the moisture transport

### Application technique

#### Diluting instructions

TUBINGAL AGS can be further diluted with cold water to all concentrations.

## Fields of application

TUBINGAL AGS is highly suitable for soft handle treatment of woven and knit fabric of cotton, synthetic fibres as well as their mixtures.

The product is particularly suited for all products requiring good hydrophilic properties such as terry cloth materials.

## Application proposal

TUBINGAL AGS can be applied both by padding and exhaust procedures

### Padding method

10 – 40 g/l	TUBINGAL AGS
pH:	5.0 – 6.0
Liquor pick-up:	approx. 80 %
Drying:	standard conditions

### Exhaust procedure:

1.0 - 3.0%	TUBINGAL AGS
pH:	5.0 - 6.0
Liquor ratio:	1:6 - 1:15
Temperature:	40 °C
Time:	20 min
Drying:	standard conditions

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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