

# ABLUSOFT ALM-90

*Liquid Softener*

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ABLUSOFT ALM-90 is a diamidoamine quaternary cationic fabric softener having excellent water absorbency, antistatic, superior softening and non yellowing properties. It is widely used in households, commercial laundries, hotels, hospitals and textile industries.

ABLUSOFT ALM-90 is readily dispersible in water. It is a highly concentrated product which is easy to handle and store.

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## General Properties

Appearance (at 25 °C): Yellow paste  
(below 25 °C): Yellow semi-solid paste

Ionicity: Cationic

pH (10%, H<sub>2</sub>O:IPA=1:1): 5 - 6.5

## Product Features

- It gives excellent performances to cottons, wools and many synthetic fibers.
- Offers good lubricancy and softness without a "greasy" feel.
- Excellent rewetting properties and is easily dispersed in water.
- Wasy to dilute in water. It gives a soft and smooth touch to the fibers.

## Application

Recommended concentration: 10%

### Dissolving method

1. Put fixed amount of warm water first, then add ABLUSOFT ALM-90 slowly.
2. Stir in the meantime for 30 mins.

## Guide recipes

*ABLUSOFT ALM-90 is generally recommended that the dilution concentration be 10 - 20%.*

*A. On towels:*

*General dosage: 1.0 - 3.0% o.w.f.*

*B. On denims:*

*General dosage: 1.0 - 3.0% o.w.f.*

*General cationic softeners such as ABLUSOFT ALS (diluted to 10%) can also be used in combination;*

*ABLUSOFT ALM-90 1% o.w.f.*

*ABLUSOFT ALS 2% o.w.f.*

*45 - 50°C x 15 - 20 minutes*

## Storage

All products should be stored in a cool, dry, well-ventilated and without direct sunlight location, as well as stored in the original packages (eg. originally packed drum). Providing all those conditions met, the product purchased should be able to retain its full efficacies for one year, from the date of manufacture.

## Packaging

150 kg / drum

## Safety and Handling

Please refer to our Safety Data Sheet.

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The indications given herein correspond to practical experiences. Owing to the difference in local conditions they cannot claim to be completed, so that any liabilities - also with a view to claims of third parties - are excluded.