

# BASE ASUTOL LB

## TECHNICAL DATA SHEET

### DESCRIPTION

Base to prepare ASUTOL LB. Sequestering agent for alkali earth ( $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$ ) and heavy metals ( $\text{Fe}^{3+}$  and  $\text{Cu}^{2+}$ ).

### STANDARDS

- bluesign® approved
- ZDHC Gateway Level 3
- According to GREEN TO WEAR 2.0 SUPPORTING DOCUMENTS by INDITEX Group this product does not need chemical testing because it meets the requirements of Option 2 – ZDHC Gateway Chemical Module.

### SCOPE OF APPLICATION

- Scouring of cotton and its blends.
- It sequesters / complexes calcium and iron, which can damage the fabric when bleaching or when the dyestuff dyeing.
- Bleaching of cellulose and its blends. It highly increases whiteness by both exhaustion or continuous processes.
- It helps dispersion of silicate and other insoluble salts which results into improving the handle, absorbency and machine cleanliness.
- Dyeing of vat, sulphur and other dyestuffs that do not contain metal in their molecules.

### CHARACTERISTICS

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless - Yellowish
<b>Composition</b>	Combination of phosphonic acids
<b>pH at 1%</b>	1.5 ± 1.0
<b>Ionic character</b>	Anionic

### PREPARATION OF ASUTOL LB

49%	Soft water
17%	Caustic soda 48 °Bè
34%	BASE ASUTOL LB
	pH: 5.0 – 5.5
	pH (10%): 5.5 ± 1.0
	Dry residue: 26 ± 1 %

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

## APPLICATION

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### Exhaustion

0.5 – 1.0 g/L ASUTOL LB

### Continuous

1 – 3 g/L ASUTOL LB



BASE ASUTOL LB meets the bluesign® criteria

- Complies with the strict ecological and toxicological requirements of the bluesign® criteria
- Properly applied it allows a production with a minimum impact on people and the environment
- Basis for bluesign® approved textiles and accessories

For more information visit [www.bluesign.com](http://www.bluesign.com)

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