

BASE ASUFIX FF



TECHNICAL DATA SHEET

DESCRIPTION

Formaldehyde free agent to produce fixing agents for direct, reactive and sulphur dyestuffs.

STANDARDS

- bluesign® approved
- ZDHC Gateway Level 3
- According to GREEN TO WEAR SUPPORTING DOCUMENTS by INDITEX Group, valid at the date of issue of this document (see footer), this product does not need chemical testing because it meets the requirements of Option 2 – ZDHC Gateway Chemical Module.

SCOPE OF APPLICATION

- For use in all articles where the use of formaldehyde is not allowed by any legislation.
- BASE ASUFIX FF may be applied either exhaustion or foulard processes.

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- It increases washing, perspiration and water fastness of both direct and reactive dyestuffs.
- It hardly affects light fastness, which supposes an advantage compared to the formaldehyde containing fixing agents.
- BASE ASUFIX FF treatment after dark reactive dyeing allows to reduce washing time, and therefore water and energy savings are possible together with perspiration and wet ironing fastness improvement.
- BASE ASUFIX FF wide range of pH stability makes possible its application after reactive or sulphur dyeing.

CHARACTERISTICS

Appearance	Transparent liquid
Colour	Yellowish – Orange
Active matter	60% approx.
Composition	Polyamine in aqueous solution
Ionic character	Cationic
pH at 10%	6,5 ± 1
Solubility	In cold water at any ratio
Electrolyte stability	Good

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

Exhaustion (direct dyestuffs):

0.4-2% BASE ASUFIX FF
15-30 minutes at 40-60°C
pH 6-7

Exhaustion (reactive dyestuffs):

0.2-2% BASE ASUFIX FF
15 minutes at 45-60°C

Foulard / Stenter (both direct and reactive dyes):

2-20 cc/L BASE ASUFIX FF
Approx. 0.5-1% on textile

Simultaneous fixing and softening:

Simultaneous fixing and softening permits to save time, but the final process to carry on may vary depending on the performance required:

- If touch is the priority, add softeners to the bath first and after 10 minutes add BASE ASUFIX FF and start heating the bath.
- In case washing fastness is the most important requirement, add BASE ASUFIX FF at the beginning of the process, and then add softener after 10 minutes and raise temperature up to 40-45°C.

Stripping-off:

- Carry out dye stripping as usually.
- Stripping-off of BASE ASUFIX FF can be done following any of the next recommendations:

METHOD A

Caustic Soda 50% 10 cc/L
ASUTOL NSE 1 g/L
45 minutes at 85°C. Wash and neutralize.

METHOD B

Sodium persulphate 3 g/L
ASUTOL LB 1 g/L
ASUTOL NSE 1 g/L
45 minutes at 80°C. Wash and neutralize.

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Stripping-off (cont.):

METHOD C

Hydrogen peroxide 200 vol. 5 cc/l

Caustic soda 50% 2 cc/l

ASUTOL NSE 1 g/L

30 minutes at 90°C. Wash and neutralize.



BASE ASUFIX FF 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

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