

GOLDWASH ECN

Soaping auxiliary for printing with reactive dyes on cellulosic fibers or acid dyes on polyamide.

Fields of Application:

- For semi-continuous or continuous processes.

Features:

- Balanced composition of emulsifiers that allows the synthetic or natural thickener removal in prints with reactive or acid dyes.
- The product has good stability if it is stored according to SDS guidelines. The product is sensitive to low and high temperatures, and may become harden or with film on the surface. Avoid temperatures below 5°C or above 70°C.
- This product complies with the parameters required by the OEKO-TEX® certification.
- This product fits with the requirements of REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals).
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Clear liquid from yellow to brownish.
Chemical Nature	Ethoxylates composition.
Ionic character	Nonionic.
Solubility (sol. 10% w/w)	Soluble at 25 °C, under stirring with emulsion formation.
Active matter (%)	44.0 – 48.0
pH (Sol. 10% w/w, 25°C)	8.0 – 10.0
Compatibility	Compatible with cationic, anionic and nonionic products, however it is recommended previously tests

Application:

1) Reactive print on cellulose (LR 1:10)

1st Bath	- 1.0 g/l Goldwash ECN. - Heat up to 50°C for 10 minutes and drain.
2nd Bath	- 2.0 g/l Goldwash ECN. - Heat up to 70°C for 20 minutes and drain.
3rd Bath	- 2.0 g/l Goldwash ECN. - Heat up to 90°C for 20 minutes and drain.
4th Bath	- Heat up to 50°C for 10 minutes and drain.

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2) Acid print with synthetic thickener on polyamide:

1st Bath	- 1.0 to 3.0 g/l Goldwash ENC. - 1.0 to 3.0 g/l Goldpur RXF. - 1.0 to 2.0 g/l Soda Ash.
2nd Bath	- 1.0 to 3,0 g/l Goldwash ENC. - 1.0 to 3.0 g/l Goldpur RXF. - 1.0 to 2.0 g/l Soda Ash.
3rd Bath	- 1.0 to 3.0 g/l Goldwash ENC. - 1.0 to 3.0 g/l Goldpur RXF. - 0.5 to 1.0 g/l Soda Ash.
4th Bath	Fix and dry.

For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).

Note: Given the variety of substrates and applications processes, the information provided with fidelity should be understood as a guidance tool, therefore we cannot be responsible for any damages resulting from an inappropriate use. The data contained in this technical informative are based on current knowledge and applications of our products performed. Additional information can be obtained from our technical department. Review: 01/24/2018.