

GOLDSPERSE UG-EA

New Generation of Dispersant for dyeing with reactive dyes.



Fields of Application:

- Dyeing with direct, reactive, sulfur, acids and dispersed dyes.
- Cleaning treatment for dyeing and prints with reactive dyes in equipment with strong bath agitation and continuous washing systems.
- Purge and Bleaching process for articles with cellulosic fibers, animal, synthetic and mixtures thereof and in pre-bleaching articles with cellulosic fibers and animals.
- Continuous processes, semi-continuous and exhaustion.

Features:

- Improve the solubility of reactive dyes that have difficulty dissolving, improving the coloristic yield of dyeing.
- In dyeing articles with polyester fibers and polyamide with disperse dyes, assists in stability of the dispersion facilitates the removal of hydrolysed reactive dyes in the subsequent washings dyeings and prints.
- Operates in the structure of crystals of hardness salts present in the process, facilitating their dispersion in water.
- Prevents the deposition of calcareous salts on the substrates and disperses the impurities removed from the fibers.
- Product has no foaming.
- Product has good stability if stored as directions of Safety Data Sheet (SDS).
- This product complies with the parameters required by the OEKO-TEX® certification.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Liquid clear, colorless or yellow.
Chemical Nature	Organic polymer in aqueous solution.
Character Ionic	Anionic.
Solubility (sol. 10% p/p)	Soluble at 25 ° C with stirring to form the emulsion.
Solid Matter (%)	13.0 – 15.0
pH (sol. 10% w/w, 25°C)	6.5 – 8.5
Foaming	None.
Compatibility	Compatible with anionic and nonionic products. Precipitates with cationic products, but recommended to pretest.
Stability in Application	Stable in alkali, acid and salt baths.

Application:

The amount of use of Goldsperser UG-EA depends on the amount and type of hardness existing in the processing bath. The dosages below are orientativo character. Consult our technical department for further information.

In dyeing with reactive dyes	0.25 – 1.5 of Goldsperser UG-EA.
Purge process and pre-targeting	0.5 a 2.0 g/l of Goldsperser UG-EA.
Dyeing with other colorants	0.1 a 1.0 g/l of Goldsperser UG-EA.

Goldsperser UG-EA is shown for the process of dissolution reactive dyes.

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

Note: Given the variety of substrates and processes applications, the information here provided with fidelity, should be understood as a tool for guidance, therefore we cannot be responsible for any damages resulting from in inappropriate use. The data contained in this bulletin are based on current knowledge and current applications of our products performed. Additional information may be obtained from our technical department. Review: 07/08/2016.

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TECHNOLOGY