

GOLDSPERSE DU EL



Latest-generation dispersant agent for dyeing with reactive dyes.

Fields of Application:

- Dyeing with direct, reactive dyes, sulfur, acids and disperse.
- Further washes to the dyes and prints with reactive dyes in with strong bath agitation equipment and continuous washers.
- Purge and bleaching items with cellulosic, animal, synthetic fibers and their mixtures and in pre-bleaching items with cellulosic and animal fibers. Continuous and semi-continuous processes.

Characteristics:

- Improves the solubility of dyes with dissolving difficulty, improving the coloristic yield of dyeing.
- In dyeing items with polyester and polyamide fibers with disperse dyes, it helps in stability of the dispersion. It facilitates the removal of hydrolyzed reactive dyes in the subsequent dyeing and print washings.
- It operates in the structure of crystals of hardness salts present in the process, facilitating their dispersion in water.
- Prevents calcareous deposition of salts onto substrates and disperses impurities removed from the fibers. Product does not make foaming.
- Product has good stability if stored according to SDS guidelines. Sensitive to low and high temperatures and may become more viscous or with film on the surface. Avoid temperatures below 8°C or over 60°C.
- This product meets the parameters required by the OEKO-TEX® certification.
- This product fits the requirements of the program ZDHC (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Clear, colorless to yellow liquid.
Chemical nature	Organic polymer in aqueous solution.
ionic character	Anionic
Solubility (sol. 10% w/w)	Soluble at 25° C with stirring.
Nonvolatile content (%)	19.0 – 21.0
pH (sol. 10% w/w, 25°C)	7.0 – 8.0
Foaming	None.
Compatibility	Compatible with nonionic and anionic products. Precipitates with cationic products, but it is recommended to pretest.
Application stability	Stable in alkaline, acidic and saline bathing.

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Application:

The amount of use of Goldsperse DU EL depends on the amount and type of hardness existing in the processing bath. The dosages below are orientative character. Consult our technical department for further information.

In dyeing with reactive dyes	0.25 – 1.5 of Goldsperse DU EL
purge and pre-bleaching process	0.5 – 2.0 g/l of Goldsperse DU EL
Dyeing with other dyes	0.1 – 1.0 g/l of Goldsperse DU EL

Goldsperse DU EL is suitable for the dissolution process of reactive dyes.

Information storage, security and Safety Data Sheet handling (SDS).

Note: Considering the variety of substrates and applications processes, the information provided herein faithfully, shall be construed as guidance instrument, so we cannot be held responsible for any damages resulting from improper applications. The data contained in this technical information are based on current knowledge and current investments made of our products. Additional information may be obtained from our technical department. Rev. 06/09/2016.