

GOLDSPERSE UG

Latest generation dispersing agent for dyeing with reactive dyes.

Fields of Application:

- Dyeing with reactive, direct, sulfur, acids and disperse dyes.
- Washing after dyeing and printing with reactive dyes in equipment with strong bath agitation and continuous washing machines.
- Scouring and bleaching of cellulosic, animal, synthetic fibers and their blends and pre-bleaching of cellulosic and animal fibers. Continuous and semi-continuous processes.

Features:

- It improves the solubility of dyes with difficult to dissolve, improving the dye yield.
- Dyeing of polyester and polyamide fibers with disperse dyes, it helps the dispersion stability. It facilitates removal of hydrolyzed reactive dyes in washing after dyeing and printing.
- It acts in the structure of crystals of hardness salts present in the process, facilitating their dispersion in water.
- It prevents calcareous salts deposition into substrates and disperses impurities removed from the fibers. The product does not present foam formation.
- 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 more viscous or with film on the surface. Avoid temperatures below 8°C or above 60°C.
- 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	Clear, colorless to yellow liquid.
Chemical nature	Organic polymer in aqueous solution.
ionic character	Anionic
Solubility (sol. 10% w/w)	Soluble at 25°C, under stirring.
Nonvolatile content (%)	19.0 – 21.0
pH (sol. 10% w/w, 25°C)	7.0 – 8.0
Foamability	None.
Compatibility	Compatible with nonionic and anionic products. Precipitates with cationic products, however it is recommended previously tests.
Application stability	Stable in alkaline, acidic and saline bath.

Application:

The application quantity of Goldsperse UG depends on the amount and type of hardness present in the process bath. The following quantities are for guidance only. Please consult our technical department for further information.

Dyeing with reactive dyes	0.25 – 1.5 of Goldsperse UG.
Scouring and pre-bleaching process	0.5 – 2.0 g/l of Goldsperse UG.
Dyeing with other dyes	0.1 – 1.0 g/l of Goldsperse UG.

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Goldsperse UG is suitable for dissolution of reactive dye.

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