

GOLDWHITE SB PRO

Product combination specially designed for the peroxide bleaching by exhaustion including optical brightener for cellulosic fibers and their blends with synthetic (eg. Elastane).

Features and Benefits:

- Natural regulating effect of the active oxygen in the bleaching with hydrogen peroxide.
- Bleaching effects with high degree of white combined with minimal damage the fiber (the high value of DP = degree of polymerization).
- High and bright base white with maximum development of optical brightener. Peroxide bleaching under HT conditions (115°C/239°F) is possible.
- Compound with effects, surfactants, complexing agents and peroxide stabilizers based on natural substances, minerals activated. It means, simplifying recipes, handling and reduction in inventories of inputs.
- Good wetting power, remove oily impurities and dirt particles. Especially effective in mixtures with elastane.
- Also suitable for all types of washing processes. Ensures good effects of re-wetting.
- The product has good stability when stored under the guidelines described in the safety data sheet (SDS).
- This product complies with the criteria required by the OEKO-TEX® certification.
- This product fits the requirements of REACH regulation (Registration, Evaluation, Authorisation and Restriction of Chemicals, European Union).
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

High safety and reproducibility:

- It contains a pronounced lubricating effect and maintains a soft touch treated articles, there being no need to include lubricating agents to the bleaching process.
- Low foaming, but does not contain defoamer. It ensures a low foaming during the processing behavior.
- High stability of the product in application baths.

Physicochemical parameters:

Appearance	Slightly brown milky liquid.
Chemical Nature	Clay composition in water emulsion.
Ionic character	Nonionic.
Solubility (sol.10% w/w at 25°C)	Soluble under stirring forming emulsion.
Nonvolatile content (%)	23.0 – 27.0
pH (such as)	8.0 – 10.0

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Application:

In neutral and alkaline baths, with or without addition of electrolytes, particularly for regenerated cellulose. Preferable together with peroxide bleaching.

Dissolution / Dilution

Miscible with hot or cold water in all proportions.

2.0 - 3.0 g/l Goldwhite SB PRO

4.0 ml/l Caustic Soda 50%

5.0 - 6.0 ml/l Hydrogen peroxide 50%

0.3 - 0.8 % Goldblanc BHA

Liquor ratio: 1:8

Recipe recommendation:

Bleaching with peroxide more simultaneous optical bleaching.

Time / temperature:

Only bleaching: 15 - 30' at 80 - 60°C (176 - 140°F)

Including optical brightner: 20 - 60' at 120 - 80°C (248 - 176°F)

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: 11/17/2016.