

GOLDWHITE SB-2

This product is a combination specially designed for the hydrogen peroxide bleaching by exhaust and by continuous process, including the optical brightener for cellulosic fibers and mixtures thereof with synthetic (eg, elasthane).

Features and Benefits:

- Effects of natural regulation of active oxygen in bleaching with hydrogen peroxide.
- Effects of bleaching with a high degree of white combined with a minimal fiber damage (high value of DP = degree of polymerization).
- White base high and bright with maximum development of the optical brightener. Bleaching with hydrogen peroxide under HT (115 ° C) conditions is possible.
- Product of the combination of components such as surfactants, complexants and stabilizers of hydrogen peroxide, based on natural substances and mineral activated. This means in simplifying of revenues and handling and reduction of inputs in inventories.
- Has a pronounced lubricating effect and keeps a soft touch of the treated articles, without the need for inclusion of lubricants in the process of bleaching.
- Low foaming, but does not contain anti-foaming. It ensures a low foaming behavior throughout the all process.
- High stability of the product in the baths of application.
- This product meets the parameters required by OEKO-TEX® certification.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical characters:

Appearance	Brown liquid.
Chemical nature	A clay composition in aqueous emulsion.
Ionic character	Nonionic
pH (as such)	6.5 – 7.5
Solubility (sol. 10% p/p)	Solubility at 25°C
Nonvolatile content	29.0 – 32.0
Viscosity (LVT, S2, V30, 25°C)	≤ 3,000 cP

Application:

It is used in neutral and alkaline baths, with or without addition of electrolyte, especially for regenerated cellulose. It's better in conjunction with bleaching with hydrogen peroxide.

Dissolution / Dilution	Miscible with hot or cold water in all proportions. 2.0 – 3.0 g/L Goldwhite SB2 4.0 ml/L Caustic Soda 50% 5.0 – 6.0 ml/L Hydrogen Peroxide 50%
Recommendation of recipe: BleReaching with hydrogen peroxide plus simultaneous optic bleaching	0.3 – 0.8 % Goldblanc BHA Liquor Ratio: 1:8
	Time / temperature: Without Chemical Bleaching: 15 - 30' a 80 - 60°C With Chemical Bleaching: 20 - 60' a 120 - 80°C

For data of security, ecological and toxicological, see Material Safety Data Sheet (MSDS).

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 appropriate 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.

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Golden
TECHNOLOGY