

EBCA STABILIZER AL IS AN ORGANIC PEROXIDE STABILIZER, SCIENTIFICALLY DEVELOPED PRODUCT DESIGNED TO CONTROL THE DECAY OF HYDROGEN PEROXIDE DURING THE BLEACHING PROCESS TO GIVE A HOMOGENEOUS BLEACHING.

Typical SPECIFICATIONS

Appearance	Colorless freeflowing liquid
Composition	Mixture of organic acid salts
PH value (1% solution)	6-7
Specific gravity	1.14- 1.17
Solubility	Readily soluble in water.
Compatibility	Stable at all temperatures and PH's used in peroxide bleaching. Compatible with anionic and nonionic optical brightening agents.

Uses :-

- EBCA STABILIZER AL is an organic stabilizer, which has been scientifically developed to perform this function. It effectively removes both metal hydroxides and free metal ions from the bleaching bath and control the decomposition of hydrogen peroxide in a technically satisfactory manner.

APPLICATIONS

- To obtain the best performance from EBCA STABILIZER AL it is recommended that the stabilizer be added to the water before any other chemicals or auxiliaries. This ensures that trace metals in the water are inactivated before peroxide decay can occur.
- EBCA STABILIZER AL will help to minimize the deposition of insoluble salts onto fiber or machine by effectively dispersing them.
- EBCA STABILIZER AL is effective in all systems of peroxide bleaching, but because trace metal impurities can often be present on the cotton to a greater extent that in solution more EBCA STABILIZER AL will be required for short liquor processes.
- EBCA STABILIZER AL is used 0.3 gm / H₂O₂ (50 %).

Its application quantities are shown at the table below. In addition to the information on the table; especially, in Pad-Steam systems working with high caustic quantities and in order to increase the activity in bleaching systems by padding in the solution, 0.8-1.6 g/l of MgCl₂.6H₂O can be added. In this way, a much more active stabilization can be obtained.

- In exhaustion bleaching : 0.2-0.4%
- In pad-batch bleaching : 7.0-10.0 gr/ltr

SPECIFIC PROPERTIES

EBCA STABILIZER AL is effective in soft or hard waters.
EBCA STABILIZER AL is non-foaming.
EBCA STABILIZER AL is an excellent peroxide stabilizer.
EBCA STABILIZER AL greatly reduced pin holing.
EBCA STABILIZER AL produces excellent whites.
EBCA STABILIZER AL does not deposit on goods or machine parts.
EBCA STABILIZER AL freezes at -50C but recovers fully on warming.
EBCA STABILIZER AL is silicate free.
EBCA STABILIZER AL has no impact on environment.

PACKAGING

125, 140, 150 Kgs plastic drums or, 1000 Tank.

STORAGE

This product has a shelf life of 12 months in the original closed container at temperature between 5oC, 30oC. Once container have been opened, the contents should be used directly, container should be closed tightly after each use.

The Technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.