

NEUTRACID BYT

Character	Acid donor for neutralization of alkaline washing processes
Chemical Structure	Mixture of organic / inorganic buffers
Appearance	Colourless - slightly yellowish liquid
Ionic Character	Anionic
pH-Value of a 10 % solution	0.5 – 1.5
Specific Weight at 20 °C	~ 1.0
Stabilities	NEUTRACID BYT is stable to hard water and general chemicals which used for washing processes. The product is sensitive to frost.
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

Properties

NEUTRACID BYT is used for neutralization of processes such as alkaline washing. Product provides neutral or slightly acidic pH value in treatment baths.

The product ensures neutral or slightly acidic pH value on the fabric pH value on the fabric. The pH of the fabric treated with NEUTRACID BYT does not change during long term hold or storage.

For neutralization, pH changes due to industrial water are balanced by using NEUTRACID BYT.

Compared to volatile acids such as formic acid or acetic acid, the amount of residual acid on the fabric after press or spin-drying with NEUTRACID BYT is able to neutralize the internal alkalinity. In this way, better neutralization results are obtained in the acid bath having same pH value.

Application technique

Diluting instructions

NEUTRACID BYT is miscible with hot and cold water at every ratio. The product can also be added directly (without dilution) to the washing bath with dosing pumps.

Application Amount

Recommended amount depends on the desired effect: 1.0 – 4.0 ml/kg (on dry weight).

Recommendation for Use

NEUTRACID BYT can be used in continuous washing lines and also in drum washing machines. The amount of application depends on the amount of alkali remaining in the fabric, the water quality and the desired pH value of the fabric. When the amount of acid used on cotton qualities is high, as the amount of PES in the mixture increases, the chemical amount decreases.

NEUTRACID BYT dosing can be done in the last wash chamber (with pH-controlled dosing) in the continuous washing line or directly in the rinsing process depending on the amount of alkali remaining on the fabric.

For a sufficient neutralization, the amount of NEUTRACID BYT should be adjusted so that the pH value in the used water is 5.0 – 6.0.

When working with non-volatile acids; regardless of the type of acid, care must be taken (eg. overdosing) that the pH in the neutralization bath is not too acidic (pH 2.5 and below). Acid remaining on the fabric can cause damage.

Our technical team will make recommendations for different, specific requirements.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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