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# GAMMACID NAC

Neutralization auxiliary

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Appearance: Clear, colorless liquid
Chemical composition: Organic acids in aqueous solution
Solubility: Easily soluble in cold water
Ionic charge: Anionic
pH at 10%: 2 ± 0.5
Stability: Stable to alkalis
Storage stability: Good under normal ambient conditions

PROPERTIES:

GAMMACID NAC is used as a neutralization agent in alkaline pretreatment processes, such as mercerization, alkaline cracking, and peroxide bleaching baths. Its acidifying properties allow for a constant pH of 5 to 6.5. It contains specific non-volatile organic acids, free from mineral acids, and odorless. They also have dispersing and complexing properties, thus preventing the formation of neutralization salts, which could disrupt subsequent dyeing, printing, and finishing processes. It can be added to the final wash bath without risking corrosion in machinery, such as rameuse.

USE:

Quantities vary depending on the residual alkalinity of the bath, the required pH, and the quality of the industrial water used. In continuous processes, the product dosage is calculated using an automatic pH control system. To achieve perfectly neutralized fabrics, add GAMMACID NAC until a pH value between 4.5 and 6 is achieved. In exhaustion processes with a 1:10 pH ratio, add 0.2 to 0.5 g/l of product to the final rinse to achieve good neutralization of the treated goods.

Keywords: neutralizer, acidifier, mercerization, mercerization, cracking, bleaching, whitening, neutralization