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## Technical Information

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# GAMAKIL

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Gamakil ensures a two stage one bath process of bleaching of cotton with hydrogen peroxide and dyeing with reactive dyes.

### Characteristics:

Appearance	:	Water white liquid
Chemical Nature	:	Enzyme mixed with Inorganic derivatives
pH	:	Neutral
Solubility in Water	:	Good
Specific gravity	:	1.1
Stability	:	Good in hard water dilute acids, alkalies and electrolytes
Storage	:	7 months minimum

Gamakil ensures even and rapid neutralization of hydrogen peroxide liquor so that the same bath can be used for the dyeing of reactive dyes. This results in optimization of the bleaching and dyeing cycles and savings in time, water and heat. There is no change in the dye uptake or in the dyed shades or tones.

### Application:

If 3% peroxide is added for bleaching, then 0.75 – 1.0 gpl of Gamakill at 40° C for 20 min. should be sufficient. Of course, pretrials are necessary for stabilization of process.

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