

## CHEMOFIX 504

Fixing agent, *formaldehyde-free*, for direct and reactive dyes.  
*Minimal alteration* of the shades of the colors.

### Chemical-Physical Characteristics:

Chemical constitution:	Quaternary ammonium
Physical aspect:	Clear colorless liquid
Ionic charge:	Cationic
pH (5% solution):	5 ± 0.5
Stability:	Good (from pH 4 to pH 11)
In the presence of electrolytes:	Good (chlorides - sulphates - nitrates)
Solubility in water:	Soluble in water in all proportions. Stable in hard water.

### Properties - Applications:

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CHEMOFIX 504 is a formaldehyde-free, non-foaming fixing agent, used to improve the wet fastness of dyes with direct and reactive dyes on cellulosic fibers.

As for the dyeing and printing of reactive dyes, the application must be performed after washing and soaping process. CHEMOFIX 504, if dried at temperatures below 150 ° C, does not cause variations in the "hand" of the treated material. The material must be centrifuged and dried without further washing.

### Dosage:

Direct dyes:

Exhaustion: 1 - 3% according to intensity and color  
 Temperature 25-30 ° C duration 20'-30 '

Padding: 20/50 g / L according to the intensity pH 5.5 - 7

Reactive dyes:

Exhaustion: 1 - 2% according to intensity and color  
 Temperature 25/30 ° C duration 20'-30 '

Padding : 10/30 g / L according to the intensity, on dry surfaces

Discharge of CHEMOFIX 504

Acid treatment 12 cc / L Hydrochloric Acid c.  
8 g / L Sapol 844 IS  
at 65-75 ° C for 30 '  
Neutralize and rinse.

The above information is only indicative and without any guarantee on our part for use.  
Please contact our technicians for assistance and for anything not mentioned in this document.  
The data contained in this sheet are not to be considered specific.