



# CHEMATEX DYES & CHEMICALS

## CHEMAQUEST A340

In the dyeing of cellulose fiber and polyester/cellulose fiber blended fabric used in chelating dispersant and metal complexing agent.

### Product Feature :

Constituent	:	Organic polymer.
Appearance	:	Transparent to yellowish liquor.
Ionicity	:	Anionic.
pH value	:	7 - 8 (10% Solution)
Stability	:	This product is stable for all kinds of acid, alkali, and non-ionic products commonly used in textile dyeing.

### Application Characteristic :

- **CHEMAQUEST A340** prevent the precipitation of hardness and impurities during dyeing.
- No adverse effect for the metal contained dyestuffs during dyeing, no color change.
- Strengthen reactive dye soaping ability, especially significant effect for turquoise blue and scarlet shade of dyeing.

### Application Recommendation :

#### Polyester Cotton blended fiber dyeing

For T/C dyeing, impurities in cotton is dissolve out in acid medium and formation of precipitation in the later alkaline dyeing condition. **CHEMAQUEST A340** can prevent the happening of this kind of precipitation, especially in jigger roller dyeing process.

The dosage of **CHEMAQUEST A340** is 1-2 g/l, added in initial stage of dyeing.

#### Dyeing Cotton with Vat dyes

Because this product has the function of protective colloid in the alkaline dye solution, and for a variety of calcium ion has obvious complexation, so this product is very suitable for the dyeing of cotton fabrics with vat dye. The presence of **CHEMAQUEST A340** without the use of special protective colloid or complexing agent.

For long liquor dyeing : **CHEMAQUEST A340** 1-3 g/l

#### Reactive dyeing on Cotton

When using reactive dyes for dyeing, cannot use the complexing agent with ethylenediamine acetate type, because they will dissolve the metal component from the dyestuffs themselves, which reduces the color fastness and alter the color shade. **CHEMAQUEST A340** will not infringe metal complexing dye, therefore, in the process of reactive dyeing can be more than the same degree of liquid instead of phosphate.

The dosage of **CHEMAQUEST A340** is 1-4 g/l according to the degree of hardness of dyebath.

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