



# CHEMATEX DYES & CHEMICALS

## BRIGHTENER 4BK

**Bluish shade of OBA suitable for cotton, nylon, rayon and their blended fiber.**

### General Properties :

Appearance	:	Bluish yellowish powder.
Chemical Structure	:	Diamino Stilbene disulphonic acid derivative.
Shade	:	Bluish.
Ionic character	:	Anionic.
Soluble temperature	:	65-80°C.
pH range	:	6-12

### Application :

**Brightener 4BK** is fluorescent whitening agent for cotton, rayon fabric. Especially, **Brightener 4BK** is very proper to single stage of bleaching and dyeing, because it has very good stability to hydrogen peroxide.

### Application for Cotton :

#### 1. Optical Brightening - Exhaustion

##### Recipe

<b>Brightener 4BK</b>	:	0.2 - 0.8 %
60°C x 30 mins.		

#### 2. Scouring, H<sub>2</sub>O<sub>2</sub> bleach and optical brightening (All-in-one process)

##### Recipe

Chemagent JL	:	1.0 %
Caustic Soda ( 100% )	:	2.0 %
H <sub>2</sub> O <sub>2</sub> ( 35% )	:	5.0 - 8.0 %
<b>Brightener 4BK</b>	:	0.2 - 0.8 %
98°C x 30-60 mins.		

... End ...

本数据是基于精密试验所得，以供阁下参考。对于使用后所得之一切结果，不负任何责任。这是因染厂有许多的变量超出我们所能控制之范围。本公司仅保证产品之质量稳定不变。

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