

CHT CATALASE BT CONC

Character	Enzymatic auxiliary for the destruction of remaining peroxide after bleaching
Chemical Structure	Catalase
Appearance	Green liquid
Ionic Character	-
pH Value	6.0 - 7.0
Specific Weight at 20 °C	~ 1.17
Stabilities	Alkalis and acids impair the efficiency of CHT CATALASE BT CONC. The product is not sensitive against frost.
Storability	The product maintains its entire enzymatic activity for at least 6 months if stored at temperatures up to 30 °C. Avoid longer storage times at temperatures above 30 °C.

Properties

Due to reactive dyestuffs often being very sensitive to peroxide, it is necessary to destroy the remaining peroxide of the prebleaching process through several cold and warm rinsing baths or through addition of suitable peroxide killers.

CHT CATALASE BT CONC allows for the catalytic remaining peroxide after bleaching to be converted to inactive oxygen and water.

The following advantages are achieved through the application of CHT CATALASE BT CONC:

- low water consumption,
- time saving,
- no ecological waste water pollution

Application Technique

Diluting instruction

CHT CATALASE BT CONC is miscible with cold water in all proportions.

Application proposal

CHT CATALASE BT CONC is an enzyme for decomposing hydrogen peroxide in oxygen and water. Just like all enzymes which are used for textile procedures, the catalase requires basic conditions for optimum efficiency.

Effective pH range: pH 4.0 - 9.0

Treatment temperature: 20 - 60 °C

This results in the following procedure sequence:

1. H₂O₂ Bleach
2. Overflow rinsing
3. Fresh bath
4. 0.5 - 1.0 g/l CHT CATALASE BT CONC
5. 10 – 15 min at 20 – 60 °C
6. Remaining peroxide control, e.g. with Merck test stripes
7. Dyeing in the same bath

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

Edition: May 2024

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com