

DENIMCOL PEX

Character	Reduction agent for the decolouration of liquors and waste waters containing potassium permanganate and for the elimination of brownstone
Chemical character	Hydroxylamine derivate
Appearance	White, crystalline, slightly hygroscopic powder
Ionic character	Anionic
pH-value of a 10 % solution	Approx. 4.0
Apparent weight	Approx. 1.1 g/l
Stabilities	DENIMCOL PEX is stable in presence of hardening substances of water. The product is not sensitive to frost.

Properties

Potassium permanganate is one of the most efficient oxidation agents in textile industry. It is often applied as bleaching agent to obtain the most different special effects on garment, particularly on blue denim articles. During the oxidation process of potassium permanganate, brownstone (manganese dioxide) is formed, and this has to be eliminated.

DENIMCOL PEX decolours liquors containing potassium permanganate. Furthermore brownstone which is difficult to dissolve is completely eliminated from the fibre.

DENIMCOL PEX is very well soluble in cold water.

A big advantage of DENIMCOL PEX is the application in a cold bath. DENIMCOL PEX solutions have an acid reaction. A further pH adjustment is not necessary. In general a complete elimination of brownstone and decolouration of the bath is obtained in general with only one neutralisation. Energy, water and time are saved.

Application technique

Diluting instructions

DENIMCOL PEX can be dissolved in cold water.

Application fields

The application quantity depends on the applied quantity of potassium permanganate. Normally it is sufficient to apply

0.5 – 2.0 g/l DENIMCOL PEX
10 – 15 min, cold, and then rinse

Special note:

DENIMCOL PEX contains hydroxylamine in bound form and is thus harmful to health. Manipulation and application has to be performed with care. It is absolutely necessary to wear protective shoes and goggles.

Solutions made of DENIMCOL PEX may not be sprayed by any means.

DENIMCOL PEX is corrosive. Therefore the product and its solutions must not be kept in containers made of iron, copper etc. Containers of stainless steel and polyethylene are suitable.

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.

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/Istanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: cht@cht.com.tr