

## Preliminary Leaflet

### DENIMCOL NCD

<b>Character</b>	Alkali donor, buffer and stabilizer for the peroxide bleach on garment articles
<b>Chemical Structure</b>	Synergetic blend of inorganic alkali salts with surfactants
<b>Appearance</b>	White powder
<b>Ionic Character</b>	Anionic
<b>pH Value of a 10 % Solution</b>	13.2 $\pm$ 0.5
<b>Apparent Weight</b>	Approx. 900 g/l
<b>Stabilities</b>	<p>Due to its application field DENIMCOL NCD has a very good stability towards hydrogen peroxide and alkalis.</p> <p>The product cannot be used in acid treatment baths.</p> <p>The product is not sensitive to frost.</p>

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The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

### Properties

DENIMCOL NCD is a multi-functional powdery bleaching agent, especially for bleaching with hydrogen peroxide on drum washing machines.

The product contains all auxiliaries which are normally used in the hydrogen peroxide bleach. Thus, the number of bleaching chemicals which are necessary and which must be on stock can be clearly reduced.

DENIMCOL NCD controls the pH value, has an excellent stabilizing effect on hydrogen peroxide and is thus fibre-protecting.

DENIMCOL NCD reduces stains through metal parts in the peroxide bleach of whites or denim.

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### Application Technique

#### Diluting Instructions

DENIMCOL NCD must be prediluted in warm water and added to the bleaching bath approx. 5 min before the hydrogen peroxide is added.

## Application Fields

DENIMCOL NCD is a versatile bleaching agent, especially for bleaching garment articles. DENIMCOL NCD is particularly recommended for the peroxide bleach of garment articles with metal buttons, zippers or rivets.

## Recommendation for Use

The application amount of DENIMCOL NCD depends on the desired result, the peroxide quantity and the liquor ratio.

### Bleaching recipes:

Whites:

Drum washing machine (liquor ratio 1 : 6 - 1 : 8)

3.0 - 4.0 g/l DENIMCOL NCD

2.0 - 6.0 ml/l H<sub>2</sub>O<sub>2</sub> 35 %

Bleaching temperature: 80 - 90 °C

Bleaching time: 30 - 45 min

Rinse

Denim:

Drum washing machine (liquor ratio 1 : 6 - 1 : 8)

3.0 - 4.0 g/l DENIMCOL NCD

5.0 - x ml/l H<sub>2</sub>O<sub>2</sub> 35 %

Bleaching temperature: 80 °C

Bleaching time: 10 - 20 min

Rinse

## Please note in particular

DENIMCOL NCD has a strong caustic effect on skin and mucous membranes. When working with DENIMCOL NCD the necessary precaution measures such as wearing protective gloves, eye/face protection have to be respected.

**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.

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