

DENIMCOL DIS MIP

Character	Multiprocess product for dyeing and aftersoaping cellulose fibres and their blends Greige dyeing of cellulose fibres and their blends Reactive conditioner with anticrease and sequestering effect Fastness conditioner for dyeings
Chemical Character	Mix of special polymers, surfactant and enzyme
Appearance	Yellow-brown, clear liquid
Ionic Character	Anionic
pH Value	3.8 - 5.8
Density Stabilities	1.05 - 1.10
Storage	<p>DENIMCOL DIS MIP is sensitive to frost to a certain extent; changes occurring at low temperatures disappear after warming up and stirring well.</p> <p>Store in closed original containers in a cool and dry place. Opened containers must be closed again tightly.</p> <p>Protect from humidity, frost impact and excessive heat.</p>

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 DIS MIP is a mixture of numerous individual components with shares of very stable enzymes. Due to its large activity range its application is advantageous in many processes and on all kinds of fibres. It has sequestering, dispersing, pectine-degrading and anticrease properties. It masks disturbing non-ionic shares. With application in the dyebath it can improve the fastness properties, particularly those of vat and sulphur dyeings.

Application Technique

Diluting Instructions

DENIMCOL DIS MIP can be mixed with water at any ratio.

Application Fields

DENIMCOL DIS MIP is a mixture of most effective chemical components which have proven well in dyeing and of enzymes and components for degrading hydrophobic barriers.

Greige dyeing of cellulose in medium and dark shades

The product can be applied for pretreating and dyeing garments made of cellulose fibres in one bath, because its washing effect doesn't develop until the components are saponified, and it is therefore not an incompatible partner for the dyes as it is often the case with non-ionic shares.

A one bath, multi-step dyeing process with preceding treatment with DENIMCOL DIS MIP is possible, i.e. RFD fabrics can normally be dyed without a separate pre-washing process. After a short pre-running process dyeing can be done in the same bath without intermediate rinsing.

Greige dyeing of knit fabric: Depending on the article the addition of a separate antcrease agent and sequestering agent can be omitted if water up to 5 °dH is used. CO qualities which do not contain too much oil can be dyed in greige form after adding a deaerating agent.

The application quantity is 2.0 – 3.0 g/l DENIMCOL DIS MIP to the existing or optimised recipe.

On CO knit fabric of varying quality we recommend changing the bath:

Short pre-running process for 10 min at 50 °C

Drain and dye without intermediate rinsing

Add to the pre-running process: 0.5 - 1.0 g/l DENIMCOL DIS MIP

Add to the dyeing bath: 1.0 - 2.0 g/l DENIMCOL DIS MIP

Soaping process:

DENIMCOL DIS MIP can be applied for aftersoaping reactive dyeings, particularly if the hydrophilic effect is to be subsequently improved. Application quantity: 0.5 - 1.0 g/l.

Reactive conditioner

The addition of this product is advantageous for all kinds of reactive dyeings because it prevents precipitations with non-ionic surfactants as residues from pretreatment, gives a better solubility of the dyestuffs and in this way results in a more level appearance.

Depending on the article the addition of a separate antcrease and sequestering agent can be omitted if water up to 5 °dH is used.

The application quantity is 1.0 – 2.0 g/l DENIMCOL DIS MIP to the existing or optimised recipe.

Universal fastness conditioner for dyeings

Particularly on vat and sulphur dyeings, the product - if used additionally in the dyeing bath - improves the fastnesses. It facilitates the detaching of pigments in the subsequent soaping and washing baths.

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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