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## **BIAVIN PCV**

<b>Character</b>	Anionic crease-prevention agent with an emulsifying effect for padding and exhaust processes. For critical articles made of PES, CV and their blends with EL, CA, CO/EL
<b>Chemical Character</b>	Modified triglyceride
<b>Appearance</b>	Yellow-brown liquid
<b>Ionic Character</b>	Anionic
<b>pH Value of a 10 % Aqueous Solution</b>	6.0 – 7.0
<b>Specific Weight at 20 °C</b>	1.06
<b>Stabilities</b>	<p>BIAVIN PCV is stable to the usual concentrations of alkalis, acids and electrolytes as well as to high temperatures.</p> <p>Cationic products are to be avoided.</p> <p>The product is sensitive to frost to a certain extent. Changes occurring at low temperatures disappear after heating and thoroughly stirring up the product.</p>
<b>Storage</b>	On proper storage in closed original containers, the product is stable for at least 24 months.

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**

BIAVIN PCV is based on a particularly modified ester which excellently reduces the fibre/fibre and fibre/metal friction on critical articles made of synthetic fibres, elastane blends and regenerated cellulose.

Besides its gliding properties the product has an extremely good emulsifying effect despite its anionic character. This anionic character is advantageous in every reactive and disperse dyeing since dyestuff incompatibilities won't occur. BIAVIN PCV is also to be preferred to non-ionic crease-prevention agents with an emulsifying effect for the pretreatment of whites for colouring since it prevents residual non-ionic surfactants from being dragged into the dyeing. This is particularly important for dyeing processes of PES and CEL fabrics and their blends. BIAVIN PCV is excellently stable to salt.

BIAVIN PCV can be applied on the pad prior to the stenter frame to repair crease marks.

® =registered trade mark

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For blends made of CEL/EL we recommend the use of a separate crease-prevention agent besides SARABID MIP. BIAVIN PCV is an optimal supplement for this case. The anionic character supports the masking of non-ionic surfactants, so that the cloudiness of critical green and turquoise shades on CEL/EL is reduced. BIAVIN PCV has also a certain dispersing effect towards CA ions and dyestuffs.

BIAVIN PCV can be dosed and is low foaming, so that it can be excellently used on jets.

## **Application Technique**

### **Diluting Instructions**

BIAVIN PCV can be blended well with cold or warm water at any ratio.

### **Recommendation for Use**

#### In pretreatment and dyeing:

BIAVIN PCV should be added when starting the pretreatment and dyeing with the following application amounts:

Long liquor ratios:	0.5 – 2.0 g/l BIAVIN PCV
Short liquor ratios:	1.0 – 2.0 g/l BIAVIN PCV

**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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