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BASF SE

# Dekol<sup>®</sup> Washoff RSA

**Universal after soaping agent for removing unfixed reactive dye from  
cellulosic materials.**

<b>Chemical nature</b>	Dekol® Washoff RSA is a preparation based on : Polymers, Glycoether
<b>Physical form</b>	Slightly yellow to yellow, clear liquid
<b>Shelf life</b>	Dekol® Washoff RSA can be kept in the original sealed container at temperatures between 0 – 60°C for up to 12 months. Once containers have been opened, the contents should be used quickly.  Further information on storage is provided in the current safety data sheet.

## Properties

<b>Product specification</b>	The data mentioned below are approximate. Tolerances are given in the product specification.
<b>pH</b>	Approx. 8.0 - 8.5 (undiluted)
<b>Density (20 °C)</b>	Approx. ca 1.025 + 0.1 g/cm <sup>3</sup>
<b>Viscosity</b>	Approx. 12 mPas (Spindle #1 100rpm)
<b>Solubility</b>	The product is miscible with water in all proportions.

## Application

The general conditions for post-clearing reactive dyeing are determined by the type of reactive group. Therefore, it is essential to observe the recommendations of the dye manufacturer concerning the pH of the treatment baths.

The post-clearing effort required depends mainly on the liquor ratio, the depth of shade of the dyeing and the amount of liquor carried over between consecutive steps. The soaping and rinsing times depend on the apparatus used and on individual customer requirements. The following ranges are given only as a guide. Preliminary trials are necessary to determine optimum conditions.

### Application and process information

*Reactive dyes with monochlorotriazine reactive system*

Conditions	Rinsing	Soaping***	Rinsing*
Time	10 -15 min	15 - 20 min	10 -15 min
Temperature	50 -70 °C	80°C	40 °C
pH		8.0 – 9.0**	
Dekol® Washoff RSA	Application rate 1 – 3 g/l		

\* Repeat steps as necessary. Ranges are given only as a guide, preliminary trials are necessary to determine optimum conditions.

\*\*Observe the recommendations of the dye manufacturer concerning the pH of the treatment baths.

\*\*\* the number of soaping baths required will be determined by the machinery/substrate/shade conditions

*Reactive dyes with vinylsulfone reactive system*

<b>Conditions</b>	<b>Rinsing</b>	<b>Soaping***</b>	<b>Rinsing*</b>
Time	10 -15 min	15 - 20 min	10 -15 min
Temperature	50 -70 °C	80 °C	40 °C
pH	6.0 – 7.0**		
Dekol® Washoff RSA	Application rate 1 – 3 g/l		

\* Repeat steps as necessary. Ranges are given only as a guide, preliminary trials are necessary to determine optimum conditions.

\*\*Observe the recommendations of the dye manufacturer concerning the pH of the treatment baths.

\*\*\* the number of soaping baths required will be determined by the machinery/substrate/shade conditions

**Remarks**

Customers should carry out their own preliminary trials when developing and processing products based on Dekol® Washoff RSA since many factors affect the compatibility with other formulation components as well as the interaction with substrate materials

**Note: (optional)**

Handling

## Safety

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

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## Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.

