

# AQUACER 541

Aqueous emulsion of a montan ester wax for care products and polishes as well as for aqueous coating systems and leather coatings.

## Product Data

### Composition

Non-ionic montan ester wax emulsion

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (1 h, 125 °C): 30 %  
Carrier: Water  
Melting point (wax content): 80 °C  
Viscosity (23 °C, D=800/s): < 50 mPa·s  
pH value (20 °C): 4.5

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.

## Applications

### Care Products and Polishes

#### Special Features and Benefits

AQUACER 541 is used as the main component in aqueous care products and polishes. Mixtures with other wax emulsions (e.g. carnauba wax) to optimize the properties are standard. AQUACER 541 improves surface slip and increases scratch resistance.

#### Recommended Use

Furniture polish	<input checked="" type="checkbox"/>
Plastic care	<input type="checkbox"/>
Wooden floorboards and cork	<input type="checkbox"/>
Leather care/shoe polish	<input checked="" type="checkbox"/>

☒ especially recommended   ☐ recommended

## AQUACER 541

Data Sheet  
Issue 11/2014

### Recommended Levels

3-15 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

### Incorporation and Processing Instructions

The wax additive is preferably added after blending the polymers with the plasticizers and water but prior to incorporating surface-active substances, while stirring.

## Coatings Industry

### Special Features and Benefits

AQUACER 541 improves surface slip and scratch resistance in aqueous coating systems. It also increases the gloss in leather coatings.

### Recommended Use

Leather coatings	<input checked="" type="checkbox"/>
Can coatings	<input type="checkbox"/>

☒ especially recommended    ☐ recommended

### Recommended Levels

2-7 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

### Incorporation and Processing Instructions

The additive should preferably be post-added using a low shear rate. Mix well before use.



Additive Guide



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