

# AQUACER 565

Aqueous carnauba wax emulsion for improving the surface characteristics of care products, polishes, and leather coatings.

## Product Data

### Composition

Non-ionic aqueous carnauba 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, 257 °F): 30 %  
Carrier: Water  
Melting point (wax content): 185 °F  
pH value (68 °F): 6.5

### 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 (41 °F) and 35 °C (95 °F). Mix well before use.

## Applications

### Care Products and Polishes

#### Special Features and Benefits

AQUACER 565 seals and thereby covers any minor scratches on the surface that is to be treated and restores the color of the surface. The melting point of 85 °C means that the wax emulsion can easily be polished up using a soft terry cloth or microfiber cloth, but polishing with mechanical tools is also possible.

#### Recommended Use

AQUACER 565 is recommended for maintaining and protecting all types of surfaces, for coated and uncoated surfaces and also for plastics.

#### Recommended Levels

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

A higher dosage is possible, but polishability must be determined by separate testing in this case. 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 can be incorporated during any stage of the production process whilst stirring. Surface-active substances must be added at the end of the production process, as otherwise the maintenance product formulation has a tendency to foam during production.

## Special Note

It is possible to combine the product with other wax emulsions (beeswax, montan ester, paraffin, and PE wax), in order to increase the performance of the care product formulation.

## Leather coatings

### Special Features and Benefits

AQUACER 565 increases surface slip and gloss in aqueous leather coatings. It also improves the scratch and abrasion resistance.

### Recommended Levels

3-7 % 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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