AQUACER 561

Beeswax-based wax emulsion to improve surface protection in aqueous care products and coating systems.

Product Data

Composition
Non-ionic aqueous beeswax emulsion

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

Non-volatile matter:	25 %
Carrier:	Water
Melting point (wax content):	65 °C
pH value:	5.5

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit 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 561 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 561 covers any minor scratches and restores the color of the surfaces. The low melting point of beeswax makes it possible to polish using a soft cloth without mechanical tools.

Recommended Use

Furniture polish	■
Plastic care product	■
Wooden floorboards and cork	■
Leather care / shoe polish	■
Car polish	□

■ especially recommended □ recommended

Incorporation and Processing Instructions
The wax additive is preferably added with stirring after blending the polymers with the plasticizers and water, although before incorporating surface-active substances.

Special Note
Surface-active substances to optimize surface wetting (e.g. BYK-349 or BYK-3455 in combination with BYK-DYNWET 800) should be added at the end of the production process.

Coatings Industry

Special Features and Benefits
The additive improves water repellency and anti-blocking in aqueous coatings.

Recommended Levels
4-8 % 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 to the coating using a low shear rate. Mix well before use.

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