

# AQUACER 501

HDPE-based wax emulsion for aqueous systems to improve surface protection.

## Product Data

### Composition

Non-ionic emulsion of oxidized HD polyethylene wax

### 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): 35 %

Carrier: Water

Melting point (wax content): 130 °C

Viscosity (23 °C, D=800/s): 25 mPa·s

pH value (20 °C): 9

### 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

### Coatings Industry

#### Special Features and Benefits

The additive improves the scratch resistance in aqueous systems.

#### Recommended Use

The additive is recommended for aqueous coatings and printing inks and is especially recommended for leather coatings.

#### Recommended Levels

1-6 % 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.

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Data Sheet  
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Additive Guide



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