

# AQUACER 595

Emulsion based on a modified polypropylene wax for improving the surface properties of aqueous care products. Strong anti-slip effect and good dirt repulsion. In aqueous leather finishes it produces an anti-slip and anti-tack effect.

## Product Data

### Composition

Non-ionic emulsion of a modified polypropylene wax

### Typical Properties

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

Non-volatile matter (130 °C):	40 %
Carrier:	Water
Melting point (wax content):	140 °C
Viscosity (20 °C):	< 400 mPa·s
pH value:	8.5

### 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. Stir before use.

## Applications

### Care Products and Polishes

#### Special Features and Benefits

AQUACER 595 improves the buffability, increases filling capacity and produces a strong anti-slip effect. The above-mentioned properties are generated by mixing AQUACER 595 with polymers in a ratio of 3:1 (solid wax to solid polymer). A mixing ratio of 1:6 increases the water- and alcohol-resistance, the protection against heel marks (= foot traffic resistance), and the dirt-repellent action. AQUACER 595 is compatible with all known polymer dispersions and plasticizers.

#### Recommended Use

AQUACER 595 is recommended for aqueous self-shine emulsions.

## AQUACER 595

Data Sheet  
Issue 02/2013

### Recommended Levels

2.5-7 % additive (as supplied) based upon 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 under agitation after mixing the polymers with the plasticizers and water, but before incorporating surface-active substances.

## Leather Finishes

### Special Features and Benefits

In aqueous leather finishes the additive produces an anti-slip and anti-tack effect.

### Recommended Levels

2.5-7 % additive (as supplied) based upon 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 can be added at any time during the production process under agitation.

**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

[info@byk.com](mailto:info@byk.com)  
[www.byk.com/additives](http://www.byk.com/additives)

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera.

SCONA® is a registered trademark of BYK Kometra.

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

This issue replaces all previous versions – Printed in Germany