

# AQUACER 8841

Emulsion based on an ethylene-acrylic acid copolymer wax for improving the surface properties of aqueous care products. Provides strong anti-slip effect and good foot traffic resistance.

AQUACER 8841 is only available in USA, Mexico and Canada.

## Product Data

### Composition

APEO-free, nonionic emulsion based on ethylene-acrylic acid copolymer wax

### Typical Properties

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

Non-volatile matter (ASTM D2834): 40 %  
Carrier: Water  
Melting point (wax component): 110 °C (230 °F)  
Viscosity (25 °C, Brookfield DV-I): < 200 mPa·s  
pH value (ASTM E70): 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

Keep from freezing. To be stored and transported at a temperature between 5 °C (41 °F) and 35 °C (95 °F).

## Applications

### Care Products and Polishes

#### Special Features and Benefits

AQUACER 8841 is compatible with all known polymer dispersions, resin solutions, plasticizers, film building agents and surfactants. The wax emulsion gives a strong anti-slip effect and is characterized by a good dirt-repellent effect. The above-mentioned properties are generated by mixing AQUACER 8841 with polymers in a ratio of 3:1 (solid wax to solid polymer). Mixing at a ratio of 1:6 increases the water and alcohol resistance, abrasion resistance (scuff resistance) and the protection against heel marking (foot traffic resistance).

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Data Sheet  
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### Recommended Use

AQUACER 8841 is used in self-shine floor care products for flooring of all kinds.

AQUACER 8841 is recommended for use in floor polishes, either alone, or in an 80/20 to 70/30 combination with a high-density polyethylene emulsion such as AQUACER 8059 or AQUACER 8030. These combinations will result in a floor polish with an optimum balance of scuff, heel mark and slip resistance.

### Recommended Levels

7-15 % 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.



Additive Guide



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