

# AQUACER 8056

Emulsion based on a HD polyethylene wax for improving the surface properties of aqueous care products and polishes.

AQUACER 8056 is only available in USA, Mexico and Canada.

## Product Data

### Composition

APEO-free, nonionic emulsion of an oxidized high density polyethylene wax

### Typical Properties

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

Non-volatile matter (ASTM D2834): 35 %  
Carrier: Water  
Melting point (wax component): 140 °C (284 °F)  
Viscosity (25 °C, Brookfield DV-I): < 250 mPa·s  
pH value (ASTM E70): 10.5

### 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

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 8056 improves the buffability, increases filling capacity and produces an anti-slip effect. The above mentioned properties are generated by mixing AQUACER 8056 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 8056 is compatible with all known polymer dispersions and plasticizers.

#### Recommended Use

AQUACER 8056 is recommended for polymer-rich self-shine emulsions and polishes.

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### Recommended Levels

5-10 % 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. Stir well before use.



Additive Guide



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