

# AQUACER 1031

Emulsion based on a polyethylene wax for improving the surface properties of aqueous care products. Anti-slip effect and good foot traffic resistance.

## Product Data

### Composition

Non-ionic emulsion of an oxidized LD polyethylene wax

### Typical Properties

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

Non-volatile matter:	40 %
Carrier:	Water
Melting point (wax content):	105 °C
pH value (20 °C):	7

### 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 1031 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 1031 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).

#### Recommended Use

AQUACER 1031 is used in 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.

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