

# 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):	221 °F
pH value (68 °F):	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 / 41 °F and 35 °C / 95 °F. 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.

# AQUACER 1031

Data Sheet  
Issue 12/2012

## 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.

**BYK USA Inc.**  
524 South Cherry Street  
P.O. Box 5670  
Wallingford, CT 06492  
USA  
Tel 203 265-2086  
Fax 203 284-9158

[cs.usa@byk.com](mailto:cs.usa@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®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera.

SCONA® is a registered trademark of BYK Kometra.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.

This issue replaces all previous versions – Printed in the USA