# AQUACER 8075

Emulsion based on an HD polyethylene wax for improving the surface properties of aqueous care products and polishes and water-borne printing ink formulations.

Only available in North America.

## Product Data

**Composition**
APEO-free, non-ionic emulsion based on an oxidized HD polyethylene wax

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

| | |
|---|---|
| Non-volatile matter (1 h, 257 °F): | 35 % |
| Solvents: | Water |
| Melting point (wax content): | 275 °F |
| Viscosity (73 °F, D=800/s): | < 100 mPa·s |
| pH value: | 9.5 |

**Food Contact Legal Status**
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

**Storage and Transportation**
Temperature sensitive. 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 8075 improves the mechanical resistance, increases filling capacity and produces an anti-slip effect. The above mentioned properties are generated by mixing the product 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 repellency. AQUACER 8075 is compatible with all known polymer dispersions and plasticizers.

**Recommended Use**
AQUACER 8075 is recommended for polymer-rich self-shine emulsions and polishes.

# AQUACER 8075

Data Sheet
Issue 08/2018

**Recommended Levels**
2-5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

## Printing Inks

**Special Features and Benefits**
The additive improves scratch and rub resistance and increases surface slip.

**Recommended Use**
AQUACER 8075 is suitable for water-borne printing inks.

**Recommended Levels**
2-5 % additive (as supplied) based on the total formulation.

**Incorporation and Processing Instructions**
The additive should preferably be added using low-speed agitation. The product should be stirred until uniform before use.

Additive Guide

**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**
**www.byk.com**



This issue replaces all previous versions – Printed in the USA