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 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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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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