

AQUACER 8058

Non-ionic wax emulsion based on a high-density polyethylene wax for improving the surface properties of aqueous care products and polishes as well as in aqueous coatings and printing inks.

Only available in North America.

Product data

Composition

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.

pH value (20 °C):	9
Non-volatile matter (60 min, 125 °C):	35 %
Carrier:	water
Melting point (wax content):	140 °C
Viscosity (20 °C):	< 150 mPa·s

Storage and transportation

Product shelf life in unopened original packaging: 15 months

Frost sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

Applications

Home care and I&I

Special features and benefits

AQUACER 8058 improves the buffability, and black heel mark resistance in care products and polishes.

These properties are generated by mixing AQUACER 8058 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 8058 is compatible with all known polymer dispersions and plasticizers.

Recommended use

AQUACER 8058 is recommended for self-shine emulsions and polishes.

Recommended levels

5–10 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

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.

Coatings industry**Special features and benefits**

The additive improves the scratch resistance in aqueous coatings, as well as the resistance to black heel marking in parquet coatings.

Recommended use

Aqueous coatings.

Recommended levels

1–6 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive should preferably be post-added using low speed agitation.

Printing inks**Special features and benefits**

The additive increases the abrasion resistance in printing inks.

Recommended use

Aqueous printing inks.

Recommended levels

3–14 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive should preferably be post-added using low speed agitation.



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