

AQUACER 585

Microplastic-free wax emulsion to improve the surface characteristics of aqueous seed coatings.

Product data

Composition

Non-ionic aqueous emulsion based on modified carnauba wax

Typical properties

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

pH value:	6.6-8.5
Non-volatile matter (60 min, 125 °C):	45 %
Carrier:	water
Melting point (wax content):	85 °C
Viscosity (23 °C, D=400/s):	< 100 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

Seed coatings

Special features and benefits

AQUACER 585 improves the surface wetting, anti-blocking behavior, and thus the free flow and plantability of the coated seed, which makes it a suitable microplastic-free alternative to polyethylene waxes. At the same time, the additive reduces the formation of dust thanks to the improved abrasion resistance.

Recommended use

AQUACER 585 is particularly suitable for aqueous seed coatings and for use in temporary wax-based protective films.

Recommended levels

10–30 % (as supplied) based on the total formulation when used in polymer binders.

70–90 % (as supplied) based on the total formulation when used as a substitute for polymer binder.

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 at a low shear rate. Mix well before use.

Special note

AQUACER 585 is included in the FiBL list of permitted inputs for organic production in Germany.



Your local
contact

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



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byk.com/app

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