

AQUACER 583

Wax emulsion to improve the surface characteristics of seed coatings.

Product Data

Composition

Non-ionic emulsion based on a modified HDPE wax

Typical Properties

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

Non-volatile matter (60 min., 125 °C): 40 %
Solvents: Water
Melting point (wax content): 135 °C
Viscosity (23 °C, D=800/s): < 100 mPa·s
pH value: 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

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.

Applications

Seed coatings

Special Features and Benefits

The additive improves surface wetting, anti-blocking behavior and therefore the free-flowing and plantability of the coated seed. By improving the abrasion resistance, AQUACER 583 also reduces the formation of dust.

Recommended Use

AQUACER 583 is particularly suitable for aqueous seed coatings as well as for use in temporary protective wax films.

Recommended Levels

10-30 % additive (as supplied) based on the total formulation.
70-90 % additive (as supplied) based on the total formulation when used as a substitute polymer binder.

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 incorporated at a low shear rate. Mix well before use.

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Additive Guide



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