

Hydropalat® WE 3320



general	Hydropalat® WE 3320 is a APEO and VOC-free surfactant - suitable as wetting and dispersing agent
chemical nature	Non-ionic surfactant, 100%

Properties

physical form	Clear to hazy liquid
shelf life	Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1year.

typical properties (no supply specification)

cloud point (EN1890, 1% in water)	~ 90 °C
pH value (EN 1262, 80:20 MeOH/water)	~ 6.5
color APHA (EN1557, 23°C)	max. 100
viscosity (EN12092 23°C)	~ 200 mPas
Water content (EN 13267)	~ 10%
HLB-Value	~ 14
surface tension 1g/l, 23°C	~ 28 mN/m

Application

Hydropalat® WE 3320. is a nonvolatile, non-ionic surfactant, which is used in waterborne coatings as a wetting and dispersing agent for enhanced color development/acceptance and improved substrated wetting.

Hydropalat® WE 3320 provides the following performance benefits:
It imparts the following properties:

- APEO/HAPS free, zero VOC
- good substrate wetting
- improvement of gloss
- excellent pigment dispersing and stabilisation
- good alternative to APEO
- reduced water sensitivity
- enhanced color acceptance

recommended concentrations

typical dosage is between 0.1 to 1.5 percent Hydropalat® WE 3320, calculated on total formulation. This provides a good balance of performance and application properties.

However we recommend to determine the optimum level of Hydropalat® WE 3320 by laboratory trials to achieve optimum performance in the various applications.

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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