

# Hydropolat® WE 3320

<b>Product description</b>	Hydropolat® WE 3320 is an APEO and VOC-free surfactant – suitable as a wetting and co-dispersing agent.
<b>Chemical nature</b>	Non-ionic surfactant

---

## Properties

<b>Physical form</b>	Clear to hazy liquid
----------------------	----------------------

<b>Technical data</b>	Cloud point (1% in water)	DIN EN 1890	~ 90 °C
(not supply specification)	pH value (80:20 MeOH/water)	DIN EN 1262	~ 6.5
	Color APHA (23°C)	DIN EN 1557	max. 100
	Viscosity (23°C)	DIN EN 12092	~ 200 mPas
	Water content	DIN EN 13267	~ 10 %
	HLB-Value		~ 14
	Surface tension 1g/l, 23°C		~ 28 mN/m

---

## Application

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

Hydropalat® WE 3320 provides the following performance benefits:

- APEO/HAPS free, low VOC
- suitable alternative to APEO
- enhanced substrate and pigment wetting
- excellent pigment dispersing and stabilization
- enhanced color acceptance
- assists in making grind bases that are fluid and easier to work with
- improvement of gloss
- reduced water sensitivity

## 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.

---

## Storage

Subject to appropriate storage under the usual storage and temperature conditions, our product is durable for 2 years.

### Contacts worldwide

Asia  
BASF East Asia Regional Headquarters Ltd  
45/F, Jardine House  
No. 1 Connaught Place  
Central Hong Kong  
China  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)

Europe  
BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto:formulation-additives-europe@basf.com)

North America  
BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)

South America  
BASF S.A  
Rochaverá - Crystal Tower  
Av. das Nações Unidas, 14.171  
Morumbi - São Paulo-SP  
Brazil  
[formulation-additives-south-america@basf.com](mailto:formulation-additives-south-america@basf.com)

### Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3320.

### Safety

When handling this product, 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.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)