

Hydropalat® WE 3197

general	Hydropalat® WE 3197 is a nonvolatile, nonionic surfactant, suitable as wetting and dispersing agent
chemical nature	fatty alcohol alkoxylate, 100%

Properties

physical form	liquid
storage	Keep container tightly closed and dry; store in a cool place. The packed product is not damaged by low temperatures or by frost. Protect from temperatures above: 70°C. Properties of the product change irreversibly on exceeding the limit temperature

physical properties (no supply specification)

cloud point (EN1890, method A)	~ 60°C
pH value (EN 1262, solution B)	~ 6.5
color APHA (EN1557, 70°C)	max. 50
viscosity (EN12092 23°C)	~ 200 mPa·s
density (DIN 51757, 23°C)	~ 1.00 g/cm³
HLB-value	~ 13
surface tension 1g/l, 23°C	~ 27mN/m

Application

Hydropalat® WE 3197 is a nonvolatile, non-ionic surfactant with low foaming behaviour and low surface tension. It exhibits good alkaline and acid resistance. Therefore it can be employed in a variety of refining mixing, impregnating and surface treatment processes. Additionally, it can be used for the emulsification process such as alkyd resins or epoxy resins.

Furthermore it is well suitable as a wetting and dispersing agent, but also as a surface modifier in various industrial coatings applications.

It imparts the following properties:

- low surface tension
- good substrate wetting
- improvement of gloss
- excellent emulsification properties
- good alternative to APEO

recommended concentrations

0.5 – 5% on total formulation

This dosage provides a good balance of performance and application properties. However, we recommend to determine the optimum level of Hydropalat® WE 3197 by laboratory trials to achieve best performance in the various applications.

Contacts worldwide

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat WE 3197.

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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