

# Hydropalat<sup>®</sup> WE 3115

(old Hydropalat<sup>®</sup> 15B)



## general

wetting agent suited for organic and inorganic pigments in water-borne systems.

Hydropalat<sup>®</sup> WE 3115 is a surfactant with low foaming tendency of foaming. In association with appropriate dispersing agent (Dispex<sup>®</sup> and Dispex Ultra<sup>®</sup>), it ensures excellent properties of covering, color acceptance and low viscosity.

Hydropalat<sup>®</sup> WE 3115 was especially designed for :

decorative water-borne coatings.

printing and packaging

wetting of difficult-to-wet substrate, such as:

- metallic surface
- cellulose film
- aluminum and plastic foils
- silicone treated papers or glass

low foaming process

## chemical nature

benzilic ether of polyglycol alkylaryl.

## Properties

### physical form

yellowish transparent liquid

### storage

Hydropalat<sup>®</sup> WE 3115 should be kept tightly sealed in a dry and cool place in their sealed original packaging.

Hydropalat<sup>®</sup> WE 3115 can present phase separation when in long exposure at below 25°C. On occurrence, the product should be warmed at 40°C and homogenized. May suffer whitening by sunlight, but this will not change its performance.

subject to appropriate storage and temperature conditions, Hydropalat<sup>®</sup> WE 3115 is durable for at least 2 years.

### typical properties (no supply specification)

density (25 °C )	1,058 - 1,088 g/cm <sup>3</sup>
solids content	min. 94 %
hydroxyl number	10 - 20 mg KOH/g
pH (10%)	6,0 - 7,5
sodium chloride	29 - 31%
water content	max. 2,0%

## Application

### dosage

Hydropalat® WE 3115 may be incorporated at any stage of the manufacturing process, although to ensure good substrate wetting, it is advisable to add it after grinding by stirring vigorously.

the recommended dosages of Hydropalat® WE 3115 lies between 0,5 – 1,5%, calculated on total formulation, for wetting and direct dispersion of pigments.

for pigment concentrates:

inorganic pigments	3 - 5% on pigments quantity
fillers	2 - 6% on fillers quantity
organic pigments	5 - 15% on pigment quantity

combination with dispersing agents, like Dispex® and Dispex Ultra®, is necessary for good performance at pigment paste.

### 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

### Nota

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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