

# Hydropalat<sup>®</sup> WE 3488

(old: HYDROPALAT<sup>®</sup> 88)



## general

wetting- and dispersing agent for aqueous coatings and printing inks

in aqueous solution, Hydropalat<sup>®</sup> WE 3488 is an excellent wetting agent for polymer dispersions. Hydropalat<sup>®</sup> WE 3488 is characterized by its excellent solubility in water and its optimal compatibility in different polymer systems. Hydropalat<sup>®</sup> WE 3488 contains none of the flammable cosolvents needed to improve the solubility of other, conventional sulfocarboxylic acid-based surfactants. Hydropalat<sup>®</sup> WE 3488, with a flash point of > 100 °C, is therefore not a dangerous substance as defined in the applicable transport regulations.

The absence of highly volatile cosolvents gives Hydropalat<sup>®</sup> WE 3488 obvious advantages in terms of ease of handling. Hydropalat<sup>®</sup> WE 3488 does not show troublesome skin formation on the product surface, which can occur spontaneously in concentrated surfactant formulations that contain solvents.

## chemical nature

modified ester of sulfocarboxylic acid

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## Properties

### physical form

viscous, slightly yellowish liquid

### shelf life

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

### typical properties (no supply specification)

pH value (10 %)	~ 6
solids	~ 50%
Sodium sulfate	~ 0.5%
Acid value	~ 0.25

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## Application

The outstanding properties of Hydropalat<sup>®</sup> WE 3488 make it especially suitable for wetting difficult substrates such as plastic and metal surfaces, cellophane and plastic films, aluminium foil, silicone-treated papers, glass and aqueous overprint varnishes of offset prints. Hydropalat<sup>®</sup> WE 3488 is especially suitable as a wetting agent if coatings come into contact with food. Hydropalat<sup>®</sup> WE 3488 was specially developed to enable any impairment of the sensory properties of coatings to be eliminated. If not only the wetting properties but also the mechanical stability of a dispersion are to be improved, the product should be used in combination with high-ethoxylated non-ionic emulsifiers (Disponil LS, TA,A -,NP or APE types).

**recommended concentrations**

Hydropalat® WE 3488 can be incorporated at any phase of the production. In order to achieve the best wetting properties it should preferably be added before the grinding stage while the mixture is stirred thoroughly. In general 0.5 - 3% active substance is needed (for dispersion), although much higher amounts are necessary for some 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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