

# Hydropalat® WE 3694

<b>general</b>	Hydropalat® WE 3694 is a nonionic surfactant with excellent wetting properties.
<b>chemical nature</b>	alkylpolyethylene glycol ether made from a C <sub>10</sub> Guerbet alcohol

## Properties

<b>physical form</b>	Cloudy liquid at 23°C. Tends to form sediment. Clear liquid at 50°C.
<b>storage</b>	Keep container tightly closed and dry; store in a cool place. Protect from temperatures below: 20°C. The packed product is not damaged by low temperatures or by frost. Bulk must be protected from solidification. Protect from temperatures above: 70°C. Properties of the product change irreversibly on exceeding the limit temperature.

## physical properties (no supply specification)

concentration	~ 100 %
HLB value	~ 10.5
pH (EN 1262 5% in water)	~ 7
density (DIN 51757, 23°C)	~0.96 g/cm <sup>3</sup>
degree of ethoxylation	~4
dropping point (DIN 51801)	~ 16°C
surface tension 1g/l, 23°C	~ 27mN/m

## Application

Hydropalat® WE 3694 shows good substrate wetting properties especially for soils and fat which may contaminate substrates.

- improves substrate wetting
- excellent emulsification properties

## recommended concentrations

0.2 – 2% on total formulation

Hydropalat® WE 3694 may be incorporated at any stage of the manufacturing process. However, we recommend to determine the optimum level of Hydropalat® WE 3694 by laboratory trials to achieve best performance in the various applications.

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**Validity**

This Technical Data Sheet is valid for all versions of the Hydropalat WE 3694.

**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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