

# Loxanol<sup>®</sup> CA 5330

(old: LOXANOL<sup>®</sup> EFC 300)



## general

Loxanol<sup>®</sup> CA 5330 is a newly developed, highly efficient coalescent based on renewable resources.

### Key Performance Properties

- excellent efficiency in reducing the minimum film forming temperature
- faster development of film hardness
- good low-temperature cure
- good color acceptance/color development
- non-yellowing
- non-hazardous product based on renewable raw materials

## chemical nature

linear ester, based on renewable raw materials. No VOC according to 1999/13/EU and 2004/42/EU.

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## Properties

### physical form

Colorless to 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)

Acid value	max. 1.0 mg KOH/g
Saponification value	~ 255 mg KOH/g
Iodine value	max. 0.5 g I/100g
Water content	max. 0.1 %

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## Application

Loxanol<sup>®</sup> CA 5330 is an excellent coalescing agent in Architectural Coatings, Industrial Coatings, Construction & Building Products and Graphic Arts applications. It can be used with all kinds of binders, in particular with vinyl acetates, styrene acrylates and pure acrylic resins (eg. Acronal<sup>®</sup> 290 D and S 790). Due to its characteristic odor Loxanol<sup>®</sup> CA 5330 is only recommended for exterior applications.

### recommended concentrations

typical dosage is between 1 to 2 percent Loxanol<sup>®</sup> CA 5330, calculated on total paint. This provides a good balance of performance and application properties. In cases of resins with higher MFT values, e.g. wood coating systems or OPVs, higher dosages may be applied. We recommend determining the optimum level of Loxanol<sup>®</sup> CA 5330 to achieve the desirable performance.

the optimum level can be determined by measuring the minimum film formation temperature (MFFT) at various dosages.

### 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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