

Loxanol[®] CA 5330

Product description Coalescing agent

Key benefits

- Highly efficient coalescent based on renewable resources
- Excellent reduction of minimum film forming temperature (MFFT)
- Faster development of film hardness
- Good low-temperature cure
- Non-yellowing
- Non-hazardous product based on renewable raw materials
- No VOC according to 1999/13/EU and 2004/42/EU

Chemical nature Linear ester, based on renewable raw materials

Properties

Physical form Colorless to slightly yellowish liquid

Technical data

(no supply specification)

| | |
|----------------------|------------------------|
| Acid value | max. 1.0 mg KOH/g |
| Saponification value | ~ 255 mg KOH/g |
| Iodine number | max. 0.5 g Iodine/100g |

Application

Loxanol® 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 (e.g. Acronal® HIDE 6296 and Acronal® S 790).

Due to its characteristic odor Loxanol® CA 5330 is only recommended for exterior applications.

Formulation guideline

Typical dosage is 1.0 - 2.0 % calculated on total formulation

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

Storage

Loxanol® CA 5330 should be stored in tightly closed containers and in a cool place. In rare cases small amounts of water may appear as droplets in the product. This has no negative effect on the performance of the product in standard paint applications.

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Validity

This Technical Data Sheet is valid for all versions of the Loxanol® CA 5330.

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 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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