

Loxanol[®] CA 5120



general	Loxanol [®] CA 5120 is a high performance, zero VOC, coalescing agent for waterborne coating applications.
chemical nature	Non-ionic surfactant

Properties

physical form	Clear to light amber liquid
shelf life	Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year.

typical properties (no supply specification)

water content	max. 0.2%
acid value	max. 1 mg KOH/g
freezing point	~ -10 °C
viscosity (25°C)	~ 80 cps
boiling point	> 120 °C
flash point	> 100 °C
specific gravity (20°C)	~ 0.986

Application

Loxanol[®] CA 5120 is a high performance, zero VOC, coalescing agent for waterborne coating applications. It is low HLB, low odor, nonionic coalescent which is compatible with a variety of resin systems. Loxanol[®] CA 5120 has been shown to effectively reduce the minimum film formation temperature (MFFT) for coalescence while maintaining and, in many cases, improving the finished film characteristics. Both block resistance and open time performance are maintained, while scrub resistance is improved in many instances. It has been demonstrated that Loxanol[®] CA 5120 does not contribute to VOC emissions when tested as part of a representative paint formulation according to EPA Method 24. Loxanol[®] CA 5120 is free of alkylphenol ethoxylates.

Loxanol[®] CA 5120 allows formulators to:

- reduce MFFT for improved coalescence
- maintain/improve finished film properties
- reduce and/or eliminate VOC loading

recommended concentrations

The typical use level concentrations are in the range of 1 to 3% wt. based on total formula weight.

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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