

# Foamaster® WO 2360

## Product description

Foamaster® WO 2360 is a 100% active, non-ionic, white oil based liquid defoamer. It was specially designed to optimize effectiveness, persistence and compatibility in latex based adhesives and paper coating application. It also can be used in coating and printing ink.

Foamaster® WO 2360 is broadly compliant with broad food contact regulations.

## Key benefits

- Free of animal origin
- BfR XXXVI: paper and paperboard for food contact
- USA FDA 175.105, 176.200, 176.210. 176.170, 176.180
- GB 9685-2016 (adhesive (A5) and paper/paperboard application (A6))
- GB 4806.1-2016

## Chemical nature

Food additive grade white mineral oil based defoamer

## Properties

### Physical form

White opaque liquid

### Technical data

(no supply specification)

Appearance	White opaque liquid
Odour	Near odourless
Active content	100%
Density at 25°C	0.86 – 0.92 g/cm <sup>3</sup>
Viscosity (RVT, 2#, 50rpm, 25°C )	150-800 mPa.s
Moisture	Max. 0.5%
pH	6 - 8

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## Application

Foamaster® WO 2360 results in the following advantages:

Broad spectrum - use of multiple defoaming mechanisms allows for Foamaster® WO 2360 defoamer's effectiveness in a wide range of latex based adhesives, in paper coatings for all types of coated paper/paperboards. Can be added directly in the coating color preparation tank, recommended to add during pigment dispersion stage at high speed stirring for better efficacy.

Compatibility - Foamaster® WO 2360 defoamer has been designed to have good film compatibility, which translate to clear, defect free films.

Persistency - Foamaster® WO 2360 defoamer has been formulated for maximizing the ongoing defoaming effectiveness in adhesives with regards to both storage life and with continuous pumping/application conditions.

## Formulation guideline

In adhesive formulations, as little as 0.05 % to 0.5 % of Foamaster® WO 2360 defoamer is effective for both manufacturing and application defoaming. For optimizing the defoamer requirements, variations from this level can be made to adjust for individual systems and operating condition needs. Typical dosage level 0.005% to 0.50% depends on batch volume and foaming tendency and process variables in paper dispersion manufacturing and paper coating related applications.

In paint formulations, an addition of 0.2 to 0.5 % of Foamaster® WO 2360 will effectively defoam paint.

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## Storage

When stored under the usual appropriate storage conditions, the product can be stored for 1 year.

It is recommended that Foamaster® WO 2360 should be storage at the proper temperature condition: 15 – 40°C. In case there is a viscosity increase under a low temperature storage condition (< 5°C), heating this product to above 15°C should not affect its efficiency.

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### Validity

This Technical Data Sheet is valid for all versions of the Foamaster® WO 2360.

### 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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