

FoamStar[®] ST 2420

Product description FoamStar ST 2420 represents the latest innovation in hyper branched polymer defoamer technology delivered in an essentially emission-free hydrocarbon matrix. It is among the most efficient defoamers requiring up to 50% less dosage to achieve the performance of benchmark mineral oil defoamers.

Chemical nature Hyper-branched polymer delivered in an essentially emission-free hydrocarbon matrix

Properties

Physical form Opaque, off-white liquid

Technical data (not supply specification)	Density	lbs/gal	~ 7.2
	Active substance	%	100
	Viscosity (Brookfield LV)	%	750 - 2000
	Dispersibility		non- dispersible

Applications FoamStar ST 2420 has the following advantages:

Performance Highlights

- High efficiency – 30 – 50 % less dosage
- Defoamers of choice for ≤ 100 g/l VOC premium paints
- Very fast bubble break times
- Effective against microfoam
- Very high persistency

Environmental Aspects

- Low VOC – according to US-EPA 24 (~0.3 %)
- 30 – 50 % less dosage => even lower VOC contribution
- Very low odor

Formulation guideline FoamStar ST 2420 defoamer can be added in the grind or letdown portion of the formula. It is best to split the addition, adding ¼ - ½ of the defoamer to the grind, and the remainder to the letdown.

In low VOC formulas, use FoamStar ST 2420 at a level of 0.3 – 1.0 % based on total formula weight.

Storage FoamStar ST 2420 is shipped in 55 gallon (200 liter) steel drums and plastic tote tanks. Mixing FoamStar ST 2420 prior to using is recommended. If subjected to below freezing temperatures, product may congeal or stratify. Warm to room temperature and mix well before using.

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Validity

This Technical Data Sheet is valid for all versions of the OBFoamStar® ST 2420.

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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