

# FoamStar<sup>®</sup> ST 2412

**Product description** FoamStar ST 2412 represents a novel series of defoamers based on new defoamer chemistry. It is the first new defoamer chemistry in over 30 years.

FoamStar is a defoaming molecule that defoams by a different mechanism. Unlike conventional defoamers (mineral oil or silicone), FoamStar defoams on a molecular level. It also has wetting properties not found in other conventional defoamers.

**Chemical nature** Molecule compounded in an enhanced mineral-oil system

## Properties

**Physical form** Opaque, off-white liquid

Technical data (not supply specification)		Units	Value
Bulk density		lbs/gal	~ 7.0
Moisture		%	~ 0.5
Active substance		%	100
Dispersibility (10% in H <sub>2</sub> O)			non-dispersible

**Applications** FoamStar ST 2412 has the following advantages:

- Use 1/3 - 1/2 Less Defoamer
- Save at least 20 % on Defoamer Costs
- Non-separating & non-settling
- Extremely Effective in Low VOC coatings.
- Very Fast bubble-break versus conventional defoamers
- Effective against Microfoam

**Formulation guideline** In the grind portion of a flat paint formula, use 0.25 - 0.50 pounds of FoamStar ST 2412 per 100 gallons. In semi-gloss paint grind, use 0.50 - 1.0 pounds of FoamStar ST 2412 per 100 gallons. The rest of the FoamStar ST 2412 addition can be made to the letdown. FoamStar ST 2412 will be equally effective in both the letdown and the grind.

**Storage** FoamStar ST 2412 is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. FoamStar ST 2412 is shipped in 55 gallon (200 liter) steel drums and plastic tote tanks. 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 2412.

**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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