

Formulation Additives

Technical Data Sheet

FoamStar[®] ST 2400 (old: FoamStar[®] I 300)



Product Description

FoamStar[®] ST 2400 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 Composition

Molecule compounded in an enhanced mineral-oil system

Properties

Product Specifications

Density	7.0 – 7.4 lbs/gal
Moisture	0.55 % max

Typical Characteristics

Appearance	opaque, off-white liquid
Dispersability (10 % in water)	non-dispersible
Active substance	100%

These typical values should not be interpreted as specifications.

Applications

FoamStar[®] ST 2400 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 Acrylic and Vinyl Acrylic Paint
- Very Fast bubble-break versus conventional defoamers
- Effective against Microfoam

In the grind portion of a flat paint formula, use 0.25 - 0.50 pounds of FoamStar[®] ST 2400 per 100 gallons. In semi-gloss paint grind, use 0.50 - 1.0 pounds of FoamStar[®] ST 2400 per 100 gallons. The rest of the FoamStar[®] ST 2400 in addition can be made to the letdown. FoamStar[®] ST 2400 will be equally effective in both the letdown and the grind.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for FoamStar® ST 2400.

Storage

FoamStar® ST 2400 is Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. FoamStar® ST 2400 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 122 °F and mix well before using.

Important

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