

Formulation Additives

Technical Data Sheet

FoamStar[®] ST 2410 (old: FoamStar[®] A10)



Product Description

FoamStar[®] ST 2410 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 2410 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 2410 per 100 gallons. In semi-gloss paint grind, use 0.50 - 1.0 pounds of FoamStar[®] ST 2410 per 100 gallons. The rest of the FoamStar[®] ST 2410 addition can be made to the letdown. FoamStar[®] ST 2410 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 2410.

Storage

FoamStar® ST 2410 is Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. FoamStar® ST 2410 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

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, BASF recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of BASF's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

FoamStar is a registered trademark of BASF Group.

© BASF Corporation, 2013



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® goto:

U.S.: www.basf.us/responsiblecare_usa

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions