



Product Name:

Defoamer - 43 (Oil free, Silicon Free low VOC, 100% active, Polymeric Defoamer)

PRODUCT PROPERTIES

- **Defoamer 43** is a polymeric Defoamer designed for use in waterborne varnishes, wood coatings, inks, and pigment dispersions.
- **Defoamer 43** is low VOC and formulated from synthetic organic surface-active compounds.
- **Defoamer 43** is specifically designed for low PVC systems and offers improved film properties compared to oil and silicone Defoamers.

MAIN BENEFITS

- Oil- and siloxane-free for excellent film properties
- Superior de-aeration and Defoaming properties
- Excellent alkali and acid resistance
- Enhances substrate wetting
- Low VOC
- Shear-resistant for high-shear conditions

VARIANT

- **Defoamer 43**
- **Other Variants:** Defoamer 16, Defoamer 14D, Defoamer 34

PHYSICAL CHARACTERISTICS

Appearance	White to yellowish Dispersion
Viscosity @ 25°C	500 - 3000 cps
Specific gravity @ 25°C	0.940 – 1.010
Polarity	Non-ionic
Active Matter Content	99 -100%

"The physical parameters listed in this product data sheet represent typical properties and are not intended as specification limits or ranges."

PROPERTIES

- **Defoamer 43** is dispersible in aqueous systems and can be incorporated with mild shear.
- **Defoamer 43** is highly suitable for emulsion paints, alkaline and acidic systems, aqueous air-drying paints, plasters, flexo inks, and pigment dispersions.

DOSAGE & ADDITION

- The optimal amount of Defoamer 43 is system-dependent, typically ranging from 0.2% to 1.0% of the total weight of the formulation.
- For pigment dispersions, dosages up to 1% may be necessary. It is recommended to add part of the required dosage during pigment grinding and the remainder during the mill-base or let-down stage of paint manufacturing.
- The optimum concentration varies based on the specific formulation and conditions.

END USE APPLICATION

Defoamer 43 is suitable for use in:

- Pigment concentrates
- Semi-gloss and gloss architectural paints
- Printing inks
- Waterborne industrial coatings

SHELF LIFE

The product has a shelf life of 24 months from the date of manufacturing when stored in unopened original containers as shipped by BLC in a frost-free warehouse.

STORAGE AND TRANSPORTATION

Stir well before use, as separation may occur during storage and transportation. The product may solidify below +10°C (33.8°F). If this happens, warm it to 25°C - 35°C (68°F - 86°F) and stir thoroughly before use.

SAFETY AND HANDLING

For detailed information on handling, storage, and safety, please refer to the Safety Data Sheet (SDS).

PACKING SIZE

- Drum: 190.0 kg
- Can: 25.0 kg
- IBC: 900.0 kg

DISCLAIMER: *The information in this document is believed to be accurate and sourced from reliable sources but is provided without any warranty regarding its accuracy or completeness. It is the user's responsibility to assess the suitability of this product and the relevance of the information for its intended use. We do not accept liability for the use, handling, storage, or disposal of this product.*

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