



Product Name:

Defoamer - 34 (Oil free/ VOC free highly efficient, 100% active Defoamer)

PRODUCT PROPERTIES

- **Defoamer 34** is a liquid Defoamer designed for use in waterborne varnishes, wood coatings, industrial paints, inks, and pigment dispersions.
- **Defoamer 34** is oil- and VOC-free, made from organically modified poly dimethyl siloxane.
- **Defoamer 34** is versatile and effective in various waterborne paints, industrial systems, inks, and adhesives. It effectively prevents and reduces foaming during manufacturing and application, minimizing the risk of micro-foaming.

MAIN BENEFITS

- Oil-free
- Minimizes the risk of micro-foaming
- Requires only low usage levels and does not contribute to VOCs
- Clear liquid with excellent shelf stability

VARIANT

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

PHYSICAL CHARACTERISTICS

Appearance	White to yellow colored Dispersion
Viscosity @ 25°C	500 - 3000 cps
Specific gravity @ 25°C	0.840 – 0.910
Polarity	Non-ionic
Active Matter Content	56%

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

PROPERTIES

- **Defoamer 34** is water-dispersible but requires high shear for proper dispersion.
- **Defoamer 34** is suitable for high PVC (pigment volume concentration) emulsion paints and pigment dispersions

DOSAGE & ADDITION

- The optimal amount of BLC-Defoamer 34 is system-dependent, typically ranging from 0.08% to 0.8% of the total weight of the formulation. Proper incorporation using mild to high shear mixing is preferred to ensure even distribution and minimize the risk of film defects.
- For pigment dispersions, dosages of up to 1% may be necessary. The recommended procedure is to add part of the required dosage during pigment grinding and the remainder to the mill-base before the let-down phase.
- The optimum concentration varies based on the specific formulation and conditions and is best determined experimentally through a ladder study.

END USE APPLICATION

Defoamer 34 is suitable for use in:

- Pigment concentrates
- Semi-gloss and gloss architectural paints
- Spray and roll-coated applied coatings
- 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.

SAFETY AND HANDLING

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

PACKING SIZE

- Drum: 200.0 kg
- Can: 25.0 kg
- IBC: 1000.0 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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