



Product Name:

Defoamer -14D (Mineral Oil, 100% active Defoamer)

PRODUCT PROPERTIES

- **Defoamer 14D** is an economical, easily dispersible Defoamer for waterborne emulsion paints, aqueous inks, and pigment dispersions.
- **Defoamer 14D** is a mineral oil-based Defoamer that provides efficient Defoaming and anti-foaming activity during paint manufacturing and application.

MAIN BENEFITS

- Highly effective Defoamer requiring low usage levels
- Good shelf stability
- Universal application in aqueous paints and colorants

VARIANT

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

PHYSICAL CHARACTERISTICS

Appearance	White to yellow colored Dispersion
Viscosity @ 25°C	500 - 2500 cps
Specific gravity @ 25°C	0.880 – 0.910
Polarity	Non-ionic
Active Matter Content	100%

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

PROPERTIES

- **Defoamer 14D** is water-dispersible but requires high shear for proper dispersion.
- **Defoamer 14D** is suitable for high PVC (pigment volume concentration) emulsion paints and pigment dispersions

DOSAGE & ADDITION

- The optimal amount of Defoamer 14D is system-dependent, typically ranging from 0.1% to 0.5% of the total weight of the paint formulation.
- Proper incorporation conditions are essential. It is recommended to add part of the required dosage before pigment dispersion and the remainder immediately after, directly into the mill-base or let-down phase, ensuring adequate shear for proper incorporation.

Improper mixing may lead to reduced defoaming efficiency and affect gloss or film appearance.

- The optimum concentration varies based on the specific formulation and conditions.

END USE APPLICATION

Defoamer 14D is suitable for use in:

- High PVC and flat emulsion paints
- Wood coatings
- Primers
- Adhesives
- Plasters
- Inks

SHELF LIFE

The product has a shelf life of 12 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 at temperatures 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: 170.0 kg
- Can: 20.0 kg
- IBC: 750.0 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.