



Product Name:

Defoamer -16 (Mineral oil Defoamer)

PRODUCT PROPERTIES

- **Defoamer 16** is an easily dispersed Defoamer designed for waterborne coatings, inks, and pigment dispersions.
- **Defoamer 16** is a mineral oil-based Defoamer.
- **Defoamer 16** is effective in waterborne systems, providing both Defoaming and anti-foam benefits during manufacturing and application.

MAIN BENEFITS

- Cost effective Defoamer
- Easy incorporation
- Good shelf stability
- Universal usage for aqueous paints and colorants

VARIANT

- **Defoamer 16**
- **Other Variants:** Defoamer 14D, Defoamer 34, 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 presented in this product data sheet represent typical properties and are not intended to serve as specification limits or defined ranges."

PROPERTIES

- **Defoamer 16** is water-dispersible and can be easily incorporated with low shear.
- **Defoamer 16** is ideal for use in mid PVC (pigment volume concentration) emulsion paints and pigment dispersions.

DOSAGE & ADDITION

- The optimal amount of Defoamer 16 varies depending on the system but generally falls between 0.2% and 0.8% of the total weight of the paint formulation. As with most low-

viscosity dispersions, the product may experience some separation during storage and should be thoroughly mixed until homogeneous before use.

- Defoamer 16 requires only mild incorporation conditions. We recommend adding part of the required dosage during pigment dispersion, with the remainder added after dispersion, either directly into the mill-base or let-down phase. Improper mixing may lead to poor Defoaming performance and could affect gloss or film appearance.
- The optimal concentration of Defoamer 16 depends on the specific formulation and processing conditions.

END USE APPLICATION

Defoamer 16 is suitable for use in:

- 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 its original, unopened containers as shipped by BLC and kept in a frost-free warehouse.

STORAGE AND TRANSPORTATION

Before use, stir the product thoroughly. Separation may occur during storage or transportation. The product may solidify at temperatures below +10°C (33.8°F). If this happens, warm it up to 25°C - 35°C (77°F - 95°F) and stir it well 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.*