

**Mon-Droguiste.Com**

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## Defoamer

Defoamer for acrylics and other water-based binders.

### Physical and Chemical Data:

Composition	Combination of liquid hydrocarbons, hydrophobic silica, synthetic co-polymers and non-ionogenic emulsifiers.
Form:	liquid
Color:	brownish, cloudy
Active substance:	100 %
Consistency:	viscous
Density at 20°C	approx. 0.93 g/cm <sup>3</sup>
Flash point:	> 120°C
Solubility in water:	emulsifiable
pH (2% in dist. water)	approx. 6

These data represent guide values, they are not intended for the preparation of specifications. Minor deviations have no influence on the application and effectiveness of the product. The specifications can be found in the certificate of analysis.

### Properties and areas of application

The defoamer is highly effective for dispersion paint and coating color production.

Main areas of application:

- Architectural paints
- synthetic resin plasters
- Industrial and wood coatings
- printing inks
- adhesives

### Addition quantity and processing

The quantity to be added is generally 0.1-0.5% defoamer, calculated on the base formulation. The defoamer is usually added undiluted at the beginning of the production process when the pigments are mixed. This achieves a very uniform distribution and the pigment/filler slurry is better deaerated.

An optimum effect is achieved if approx. 2/3 of the defoamer quantity is used for pigment dispersion and 1/3 for coating. Pre-dilution of the defoamer in the solvents of the formulation can improve the distribution of the defoamer if necessary.

Handling and storage

The defoamer is insensitive to frost, but should be stored at 15-25° C for better handling. Phase separation may occur during storage. In this case, the defoamer should be stirred before use. The product can be stored in closed containers for at least 12 months from the date of delivery.