

AGITAN[®] DF 691

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Mixture of mineral oil and non ionic surfactants, APEO free

Appearance: liquid
Colour: brownish, turbid

Typical Properties:

Active ingredients:	approx. 100 %
Viscosity:	approx. 1000 mPa s
Density at 20°C:	approx. 0.87 g/cm ³
Flash point:	> 100°C
Solubility in water:	emulsifiable
pH (2% in dist. water):	approx. 7

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: AGITAN DF 691 is a defoamer for all common emulsion systems. It provides the following properties:

- Retains high efficiency
- Extremely versatile
- Good compatibility
- Effective over a wide range of pH and temperature

Main applications:

- Architectural coatings and plasters
- Liquid building products
- Printing inks
- Adhesives

Recommended levels/use: AGITAN DF 691 should be agitated before use and can be prediluted for ease of application.

Suggested dosage for some typical waterborne applications:

Water-based Coatings:

- Decorative	0.1-0.4 %
- Coatings for public works, Structural engineering, ACE	0.1-0.5 %
- Printing inks	0.1-0.3 %
- Adhesives	0.1-0.3 %
- Paper Coatings	0.1-0.3 %

Synthetic and Natural Latices:

- Compounding & application Carpet backing, paper coatings	0.1-0.3 %
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Cleaners and Detergents:

- Detergents - powder/liquid	0.3-0.5 %
- Alkali scrubbers / cleaners	0.05-0.2 %

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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Effluent and Water Treatment:

- Containing soaps, emulsifiers,
wetting agents 10-100ppm

Building Products:

- Cement admixtures 0.1-0.3 %
- Cementitious systems 0.2-0.5 %

Storage/handling:

AGITAN DF 691 is not sensitive to freezing and should be stored between 5 and 35 °C. As the product tends to separate it should be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging:

Totes holding 850 kg net, drums holding 125 kg net and kegs holding 20 kg net.