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/cm³
- 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 %

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 10-100 ppm

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.