AGITAN® DF 6681

TECHNICAL INFORMATION

Defoamer for aqueous systems

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

Appearance: liquid

Colour: yellow-brown, turbid

Typical Properties:
- Active ingredients: approx. 100 %
- Viscosity: approx. 1500 mPa s
- Density at 20°C: approx. 0.90 g/cm³
- Flash point: > 150°C
- Solubility in water: emulsifiable
- pH (2% in dist. water): approx. 7.5

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 6681 is a defoamer for all common emulsion systems. It provides the following properties:
- Controls foaming and aeration during paint manufacture, filling and application
- Good compatibility
- Effective over a wide range of pH and temperature
- Contains hydrophobic silica
- Long lasting efficiency
- Forms very stable emulsions in water
- Retains high efficiency

Main applications:
- Industrial and wood coatings
- Printing inks
- Adhesives

Recommended levels/use:

For most efficient use, 2/3 of AGITAN DF 6681 is added to the pigment dispersion and 1/3 is added to the letdown.

Suggested dosage for some typical applications:

- Decorative coatings: 0.1-0.4 %
- Coatings for public works, Structural engineering, ACE: 0.1-0.5 %
- Clear wood coatings: 0.1-0.3 %
- Paint, adhesives, inks, paper coatings: 0.1-0.3 %
- Metal Working Fluids & Lubricants:
  - Concentrates: 0.1-0.5 %
  - Diluted Fluids: 0.02-0.05 %
- Cleaners and Surfactant Systems:
  - Hard Surface Cleaners: 0.1-0.3 %
  - Agrochemicals: 0.1-0.3 %
- Synthetic and Natural Latices:
  - Compounding & Application: 0.1-0.3 %

Storage/handling:

AGITAN DF 6681 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 900 kg net, drums holding 130 kg net or kegs holding 20 kg net.

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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