

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/cm ³
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.

EN

Revision: July 2014