

AGITAN[®] 701

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition:	Blend of liquid hydrocarbons, silicones, alkoxyated and modified fatty compounds and nonionic emulsifiers	
Appearance:	liquid	
Colour:	yellowish, turbid	
Typical Properties:	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.98 g/cm ³
	Flash point:	above 140 °C
	Solubility in water:	hardly emulsifiable, results in unstable emulsion
	pH (2% in dist. water):	approx. 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 701 is particularly well suited for water reducible systems. It is also recommended for aqueous emulsion systems.

Main applications:

- Architectural coatings
- Emulsion plasters
- Building materials
- Industrial and wood coatings
- Printing inks
- Adhesives

Recommended levels/use: Normal dosage ranges from 0.1 to 0.5 % on finished product. Ladder studies are recommended to determine optimum concentration. AGITAN 701 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 701 is added to the pigment dispersion and 1/3 is added to the letdown. Dilution of AGITAN 701 in solvents of the formulation may improve dispersion. In low viscosity systems AGITAN 701 is recommended if high levels of wetting agents are present or high shear is applied which assists the incorporation of the defoamer.

Storage/handling: AGITAN 701 is not sensitive to freezing, but for better handling it should be stored between 15 and 25 °C. As the product tends to slightly separate it must be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 800 kg net, drums holding 140 kg net and kegs holding 25 kg net.