

AGITAN[®] 381

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition:	Blend of pharmaceutical grade white oils, hydrophobic silica, oxalkylated compounds and nonionic emulsifiers, free of silicone	
Appearance:	liquid	
Colour:	brownish, turbid	
Typical Properties:	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.94 g/cm ³
	Flash point:	above 100 °C
	Solubility in water:	easily emulsifiable, results in a stable emulsion, which separates slowly
	pH (2% in dist. water):	approx. 6

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 381 is a highly effective, low-emission defoamer and has a wide formulation latitude due to its ease of emulsification. It can be effective in clear coats, pigmented systems, low viscosity systems and emulsion manufacturing.

Main applications:

- Architectural coatings
- Adhesives
- Emulsion plasters
- Emulsion manufacturing
- Building products
- Industrial and wood coatings
- Automotive coatings
- Printing inks
- Paper coatings

Recommended levels/use: Ladder studies are recommended to determine optimum use level. Normal dosage ranges from 0.05 to 0.5 % on finished product. AGITAN 381 is typically added undiluted during pigment grinding for optimum distribution and foam control. For intensive dispersing and grinding, AGITAN 381 should be added in the last third of the processing step. Pre-emulsification into water for post-addition is also possible.

Storage/handling: AGITAN 381 is not sensitive to freezing, but for better handling it should be stored between 5 and 25 °C. The product may slightly separate on storage. Therefore AGITAN 381 must 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 140 kg net and kegs holding 25 kg net.