

AGITAN[®] 301

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition:	Blend of vegetable oils, modified fatty compounds, nonionic emulsifiers with a little silicone, biodegradable	
Appearance:	liquid	
Colour:	yellowish, turbid	
Typical Properties:	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.93 g/cm ³
	Flash point:	above 200 °C
	Solubility in water:	easily emulsifiable, results in an emulsion which separates slowly
	pH (2% in dist. water):	approx. 6.5

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 301 has little odor and taste. A non-ionic structure provides excellent compatibility with most common binders. It is recommended for biodegradable formulations.

Main applications:

- Emulsion plasters
- Printing inks
- Adhesives
- Emulsion manufacture
- Paper coatings
- Paper manufacture
- Waste water treatment

Recommended levels/use: Normal dosage ranges from 0.1 to 0.5 % on the finished product. AGITAN 301 is typically added undiluted during the pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 301 is added to the pigment dispersion and 1/3 is added to the letdown. For post addition AGITAN 301 should be prediluted with water. The recommended dosage for waste water treatment is 100-200 ppm.

Storage/handling: AGITAN 301 is not sensitive to freezing but for better handling it should be stored at 15 and 25 °C. As the product tends to separate during storage it must be mixed before use. When stored in a cold place AGITAN 301 may thicken. Before use it should be heated to 40 °C while mixing. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 900 kg net, drums holding 135 kg net and kegs holding 25 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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