

AGITAN[®] 305

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition:	Blend of modified nonionic fatty compounds and hydrophobic silica with white oils of pharmaceutical grade, free of silicone	
Appearance:	liquid	
Colour:	light, turbid	
Typical Properties:	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.87 g/cm ³
	Flash point:	above 140 °C
	Solubility in water:	emulsifiable

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 305 is recommended for aqueous emulsion systems. The product is a physiologically harmless defoamer. AGITAN 305 is compatible with all common binders.

Main applications:
- Wood coatings
- Printing inks
- Adhesives
- Emulsion manufacture
- Paper coatings

Recommended levels/use: Normal dosage ranges from 0.05 to 0.5 % on finished product. Ladder studies are recommended to determine optimum level. AGITAN 305 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 305 is added to the pigment dispersion and 1/3 is added to the letdown. For post addition the product can be pre-emulsified with water. For the manufacturing of emulsions and dispersions it is necessary to add AGITAN 305 to the water phase.

Storage/handling: AGITAN 305 is not sensitive to freezing but for better handling it should be stored at 5 and 25 °C. As the product tends to separate during storage it must be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: EU - Totes holding 900 kg net, drums holding 130 kg net or pails holding 25 kg net
US - Totes holding 1984 lbs / 900 kg net, drums holding 380 lbs / 172 kg net or pails holding 35 lbs / 16 kg