

# AGITAN<sup>®</sup> 307

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

<b>Composition:</b>	Blend of modified nonionic fatty compounds and hydrophobic silica with white oils of pharmaceutical grade, silicone free	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	light, turbid	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.89 g/cm <sup>3</sup>
	Flash point:	above 140 °C
	Solubility in water:	easily emulsifiable in water, results in emulsion which separates slowly
	pH (2% in dist. water):	approx. 8

*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 307 is recommended for aqueous emulsion systems, specifically for low odor and non-polluting formulations. It 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 307 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 307 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 306 to the water phase.

**Storage/handling:** AGITAN 307 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:** Totes holding 900 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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