

# AGITAN<sup>®</sup> 109

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

<b>Composition:</b>	Blend of vegetable oils, alkoxyated compounds and hydrophobic silica in emulsion form	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	white, turbid	
<b>Typical Properties:</b>	Active ingredients:	approx. 50 %
	Consistency:	approx. 3000 mPa s
	Density at 20°C:	approx. 1.01 g/cm <sup>3</sup>
	Solubility in water:	miscible in any ratio
	pH (2% in dist. water):	approx. 7.5

*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 109 is an emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios.

Main applications:  
- Architectural coatings  
- Building products  
- Printing inks  
- Adhesives  
- Polymerization processes  
- Paper coatings  
- Waste water treatment

**Recommended levels/use:** Ladder studies are recommended to determine optimum level. Normal dosage ranges from 0.05 to 1.0 % on finished product. AGITAN 109 can be added at any time in a production process. For most efficient use 2/3 of AGITAN 109 is added at the start and 1/3 is added at the end of a production. The recommended dosage for waste water treatment is 100-200 ppm.

**Storage/handling:** AGITAN 109 is sensitive to freezing and should be stored between 15 and 25 °C. As the product tends to separate it must be mixed before use. The minimum shelf life in closed containers is 9 months from the date of manufacture.

**Packaging:** Totes holding 950 kg net, drums holding 140 kg net or kegs holding 25 kg net.