

# AGITAN<sup>®</sup> 280

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

<b>Composition:</b>	Blend of liquid hydrocarbons, hydrophobic silica, synthetic copolymers and nonionic emulsifiers	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	brownish, turbid	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.93 g/cm <sup>3</sup>
	Flash point:	above 120 °C
	Solubility in water:	emulsifiable, results in an 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 280 is a highly effective and well dispersible defoamer for aqueous emulsion based and water reducible systems.

**Main applications:**  
 - Architectural coatings  
 - Emulsion plasters  
 - Industrial and wood coatings  
 - Printing inks  
 - Adhesives

**Recommended levels/use:** Normal dosage ranges from 0.1 - 0.5 % on finished product. AGITAN 280 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 280 is added to the pigment dispersion and 1/3 is added to the letdown. Dilution of AGITAN 280 in solvents of the formulation may improve distribution of the defoamer.

**Storage/handling:** AGITAN 280 is not sensitive to freezing, but for better handling it 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 15 months from the date of manufacture.

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