

# AGITAN<sup>®</sup> 160

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

**Composition:** Aqueous emulsion of polysiloxane copolymer with hydrophobic silica

**Appearance:** liquid  
**Colour:** white, turbid

**Typical Properties:**

Active ingredients:	approx. 24 %
Consistency:	approx. 1000 mPas
Density at 20°C:	approx. 0.98 g/cm <sup>3</sup>
Solubility in water:	miscible in any ratio
pH (20°C, 2% in dist.water):	approx. 7

*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 160 is a polysiloxane emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios. AGITAN 160 is resistant to alkaline environment and degradation stable. It can be used between pH 6 and 13.

Main applications:  
- Industrial and wood coatings  
- Printing inks  
- Architectural coatings

**Recommended levels/use:** Ladder studies are recommended to determine optimum level. Normal dosage ranges from 0.1 to 0.6 % on finished product. AGITAN 160 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 160 is added to the pigment dispersion and 1/3 is added to the letdown.

**Storage/handling:** AGITAN 160 is not sensitive to freezing, but for better handling it should be stored between 5°C and 25°C. Frozen product must be defrosted and homogenized by stirring before use. The product may slightly separate on storage. Then AGITAN 160 should be mixed before use. The minimum shelf life in closed containers is 9 months from the date of manufacture.

**Packaging:** Totes holding 1000 kg net, drums holding 150 kg net and kegs holding 25 kg net.