

AGITAN[®] 703 N

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition:	Blend of hydrophobic silica, hydrocarbons and nonionic emulsifiers	
Appearance:	liquid	
Colour:	yellowish, turbid	
Typical Properties:	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.92 g/cm ³
	Flash point:	above 100 °C
	Solubility in water:	easily emulsifiable, results in a stable emulsion which separates slowly
	pH (2% in dist. water):	approx. 8.5

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 703 N is designed specifically for finely dispersed emulsions (hydrosols), water reducible systems and gloss emulsion paints.

Main applications:
- Architectural coatings
- Emulsion plasters
- Industrial and wood coatings
- Emulsion manufacturing

Recommended levels/use: Normal dosage ranges from 0.05 to 0.5 % in aqueous coatings. In adhesives 1 to 2 % are used on resin. Ladder studies are recommended to determine optimum concentration. AGITAN 703 N is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 703 N is added to the pigment dispersion and 1/3 is added to the letdown. For manufacture of emulsions it is recommended to add the defoamer to the water phase.

Storage/handling: AGITAN 703 N is not sensitive to freezing, but for better handling it should be stored between 15 and 25 °C. As the product tends to slightly 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 140 kg net and kegs holding 25 kg net.