

AGITAN[®] 30-N

TECHNICAL INFORMATION

Defoamer and deaerator for aqueous systems

Composition:	Dispersion of nonionic fatty derivatives	
Appearance:	liquid	
Colour:	white	
Typical Properties:	Active ingredients:	approx. 30 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 0.9 g/cm ³
	Solubility in water:	easily emulsifiable
	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 30-N is used as a defoamer for the prevention of foam and for pulp de-aeration in paper production and waste water treatment. The product provides improved performance in surface foam control. AGITAN 30-N shows a very good long-time effectiveness as a defoamer and de-aerator on paper machines. According to its chemical composition AGITAN 30-N is suitable in a wide pH range. Negative effects on sizing are not usual.

Recommended levels/use: In the case of extreme process conditions the product should be tested on compatibility with other process additives. AGITAN 30-N is characterised by a good flow and easy distribution in the system. Due to these features it is possible to add the product undiluted at points offering sufficient turbulence. Experience shows that the best results can be achieved when AGITAN 30-N is added immediately before formation of foam whereby a good distribution must be provided. Generally the dosage range in paper production is 0.02-0.1% AGITAN 30-N, calculated on production b. d. For waste water treatment generally the dosage range is 100-300 ppm. Due to deaerating effect the oxygen content must be observed for the use in aeration tank.

Storage/handling: The recommended handling of AGITAN 30-N is unproblematic. For dosage and storage plastic material or metal are suitable. AGITAN 30-N is sensitive to freezing. Consequently it should be stored between 10° and 25°C. The product may separate on storage. Therefore AGITAN 30-N must be mixed before use. The minimum shelf life in closed containers is 5 months from the date of manufacture.

Packaging: Totes holding 900 kg net, drums holding 140 kg net or tank truck holding minimum 5000 kg net.