

AGITAN[®] 960-R

TECHNICAL INFORMATION

Defoamer and deaerator for aqueous systems

Composition: Dispersion of nonionic fatty derivatives in combination with modified fatty acid ester

Appearance: liquid
Colour: white

Typical Properties:

Active ingredients:	approx. 34 %
Consistency:	low viscosity
Density at 20°C:	approx. 0.97 g/cm ³
Solubility in water:	easily emulsifiable
pH (2% in dist. water):	approx. 6.5

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 960-R can be applied as defoamer and deaerator (e.g. in the fermenting tower/final sedimentation tank) in various areas of effluent treatment plants. If AGITAN 960-R is used in the aeration basin the oxygen content should be monitored due to the deaerating property of the defoamer.

Further applications for AGITAN 960-R are:

- Paper and paperboard production
- Groundwood production
- Deinking plant
- Cement fibre board production (up to pH 14)
- Process water

Recommended levels/use: AGITAN 960-R can be added undiluted or as 10-20% solution at points of sufficient turbulence. Experience shows that the best results can be achieved if AGITAN 960-R is added immediately before formation of foam whereby a good distribution must be provided. Generally the dosage range is 0.02 - 0.1% AGITAN 960-R calculated on solid content, production b. d. or flow rate. The optimum dosage level should be determined through pretests.

Storage/handling: Diluted solutions are to be used shortly or continuously homogenized. AGITAN 960-R is a dispersion which has to be stirred well before use. Open drums have to be closed in order to avoid drying. For dosage and storage plastic material or metal are suitable. AGITAN 960-R is sensitive to freezing. Therefore it must be stored between 10 and 25°C. The minimum shelf life in closed containers is 6 months from the date of manufacture.

Packaging: Totes holding 950 kg, drums holding 140 kg net or tank truck holding minimum 5000 kg net.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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