

# AGITAN<sup>®</sup> DF 999

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

**Composition:** Blend of polyethers and non ionic emulsifiers, APEO free

**Appearance:** liquid  
**Colour:** yellow, turbid

**Typical Properties:**

Active ingredients:	approx. 100 %
Viscosity:	approx. 700 mPa s
Density at 20°C:	approx. 0.99 g/cm <sup>3</sup>
Flash point:	> 100°C
Solubility in water:	emulsifiable
pH (2% in dist. water):	approx. 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 DF 999 should be used without further dilution. The defoamer is:

- Mineral oil-free; no adverse effect on printing rollers
- Retains high efficiency
- Encourages drainage and collapse of colloid stabilised foams

**Main applications:**

- Adhesives
- Printing inks
- Paper coatings

**Recommended levels/use:** The compatibility of this product in colloidal systems is excellent. Suggested dosage for some typical applications:

**Adhesives:**

- Starch, Dextrine, Casein	0.1- 0.2%
- Acrylic, PVAc, PVOH	0.1- 0.3%

**Printing inks:**

- Aqueous flexographic	0.1- 0.3%
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**Paper Coatings:**

- Size press	0.05- 0.2%
Polyurethane dispersions	0.2- 0.5%

**Water treatment:**

- Glycol separators	200- 500 ppm
- Paint spray booths	0.05- 0.2%

**Storage/handling:** AGITAN DF 999 is not sensitive to freezing. For better handling it should be stored between 15 and 25 °C. As the product tends to separate it should 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 145 kg net and kegs holding 20 kg net.