AGITAN® DF 6686 W

TECHNICAL INFORMATION

Defoamer for aqueous systems

**Composition:**
Aqueous emulsion of vegetable oils, polyethers and non ionic emulsifiers, APEO free

**Appearance:**
liquid

**Colour:**
white, turbid

**Typical Properties:**
- Active ingredients: approx. 27 %
- Viscosity: approx. 700 mPas
- Density at 20°C: approx. 0.94 g/cm³
- Flash point: > 100°C
- Solubility in water: emulsifiable
- pH (undiluted): 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 DF 6686 W is an emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios. AGITAN DF 6686 W provides:
- High cost effectiveness
- Excellent compatibility
- Very fast action
- Good control of foam even at low levels

**Main applications:**
- Architectural coatings
- Building products
- Wood coatings
- Adhesives

**Recommended levels/use:**
Suggested dosage for typical applications are:

- **Effluent**
  - Starch, proteinaceous wastes: 100–200 ppm
  - Water-based coatings
    - Matt, Silk paints: 0.1–0.3%
    - Clear wood coatings: 0.2–0.4%
    - Wood stains: 0.1–0.3%

- **Building products**
  - Cement admixtures: 0.2–0.5%
  - Polymer reinforced concrete: 0.2–0.5%

- **Adhesives:**
  - 0.2–0.3%

- **Fermentation**
  - Production: 100–300 ppm
  - Effluent: 50–200 ppm

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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Water Treatment:
- Boiler waters 100 - 5000 ppm
- Cooling waters 50 - 200 ppm
- Desalination (technical) 5 - 50 ppm
- Glycol scrubbers 500 - 2000 ppm

Storage/handling: AGITAN DF 6686 W is sensitive to frost. It should be stored in a cool dry place between 5°C and 35°C. The product may slightly separate on storage. Therefore AGITAN DF 6686 W 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.