TECHNICAL INFORMATION

Defoamer for aqueous systems

**Composition:** Blend of liquid hydrocarbons, silicones, alkoxylated compounds, modified fats and nonionic emulsifiers

**Appearance:** liquid

**Colour:** yellowish, turbid

**Typical Properties:**
- Active ingredients: approx. 100 %
- Consistency: medium viscosity
- Density at 20°C: approx. 0.98 g/cm³
- Flash point: above 140 °C
- Solubility in water: easily emulsifiable, results in an emulsion which separates slowly
- pH (2% in dist. water): 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 700 is a modification of AGITAN 701 with an improved emulsifiability. AGITAN 700 therefore is easily emulsifiable. It is particularly effective in water reducible systems and aqueous gloss emulsion systems.

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

**Recommended levels/use:** Normal dosage ranges from 0.1 to 0.5 % on finished product. Ladder studies are recommended to determine optimum concentration. AGITAN 700 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 700 is added to the pigment dispersion and 1/3 to the letdown. For manufacture of emulsions it is recommended to add the defoamer to the water phase.

**Storage/handling:** AGITAN 700 is not sensitive to freezing, but 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:** Drums holding 140 kg net and kegs holding 25 kg net.