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GAMMAFOAM SI

Defoamer for High-Temperature Processes

- **General Description**

GAMMAFOAM SI is a **siloxane-free defoamer** widely used to prevent and control foam formation in industrial processes operating under **high temperature** and **intense mechanical stress**.

- The product's main feature is its **excellent dispersibility in aqueous systems** and **rapid self-emulsification**, making it highly effective and stable in the presence of:
  - Surfactants (cationic, anionic, non-ionic)
  - Finishing resins (vinyl, acrylic, and hybrid)
  - Wax emulsions
  - Protein derivatives
  - Foaming agents (anionic, cationic, non-ionic)

- **Chemical-Physical Characteristics**

Property	Specification
Physical state (20°C)	Liquid
Odor	Characteristic
Color	Yellowish
Water solubility	Miscible, self-emulsifying
Density (20°C)	0.870 ± 0.02 g/cm³

- **Applications, Usage and Dosage**
- GAMMAFOAM SI is effective at **low dosages**, typically **0.1–0.3%** depending on the system.
- It is recommended to **add at a point of turbulence** to ensure rapid dispersion, or to **pre-dilute with 5–6 parts of water**.

- **Stability and Storage**
- **Shelf life:** 12 months from the packaging date.
- Store in a **cool, dry place**, away from direct heat and frost.

Keywords: defoamer, antifoam, high-temperature process, textile finishing