



*Ethox*

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**TECHNICAL BULLETIN**

**DEFOAMER 31**

**PERFORMANCE BENEFITS**

Defoamer 31 is a new, non-silicone product that is effective for foam prevention and defoaming of water-based formulas. Used at 0.1 – 1% levels in the formulation, this product will minimize air entrainment in:

- ✓ Anionic resin solutions
- ✓ Emulsion polymers
- ✓ Pigment dispersions
- ✓ Industrial coatings and trade sales paints
- ✓ Printing inks
- ✓ Surfactant solutions

As with all additives, a ladder study is appropriate to determine the right level of Defoamer 31 for your formulation. The product can be added under low shear mixing and therefore is suitable for use as a post-added material to inks and coatings. Additionally, Defoamer 31 is shear and heat stable, and therefore is effective when added under high shear conditions such as during premixing or milling of pigment dispersions.

**TYPICAL PROPERTIES:**

Color      100 APHA max  
Moisture   1% max  
pH          5.0-6.5    5%(50:50) IPA/water

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