

Technical Data Sheet (TDS)

Product Name: Water-based Defoamer

Product Code: CD-5732

Revision Date: 2025-02-09

1. Product Description

CD-5732 is specifically designed for efficient foam control in aqueous systems, offering excellent compatibility, rapid foam suppression, and long-lasting performance without causing surface defects. Formulated with a finely balanced emulsion of hydrophobic particles and dispersing agents, it provides effective defoaming across a wide range of pH and temperatures. Its non-silicone, low-VOC composition makes it ideal for environmentally sensitive applications, while its low residue and easy dilution properties ensure clean operation in coatings, adhesives, wastewater treatment, and paper processing systems. Engineered for stability and efficiency, it delivers high-performance foam control without compromising system integrity.

2. Typical Physical Properties

Property	Value
Appearance	White emulsion
pH	6.0 – 8.0
Viscosity (25°C)	500 – 1500 mPa·s
Density (25°C)	0.95 – 1.05 g/cm ³
Active Content	10% – 20%
Flash Point	Non-flammable
Solubility	Fully dispersible in water
Storage Temperature	5°C – 35°C

3. Applications

- Water-based coatings and inks
- Pulp and paper processing
- Textile printing and dyeing
- Industrial cleaning solutions
- Wastewater treatment systems

4. Usage Guidelines

CD-5732 can be added directly into the foaming system with gentle stirring. Typical dosage ranges from 100 – 1000 ppm depending on the system and foam intensity. For best performance, evaluate under actual processing conditions.

5. Storage and Packaging

Store between 5°C and 35°C in tightly sealed containers. Avoid freezing and excessive heat. Shelf life is 12 months from the date of manufacture. Available in 25 kg pails and 200 kg drums.

6. Safety Information

Refer to the Material Safety Data Sheet - MSDS for safety precautions. Use proper personal protective equipment - PPE during handling.

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