

Technical Data Sheet (TDS)

Product Name: Long-lasting Defoamer

Product Code: CD-9154

Revision Date: 2025-02-09

1. Product Description

CD-9154 is engineered for sustained foam control in continuous or extended industrial processes. Featuring a unique formulation that combines high-efficiency active agents with controlled-release technology, it provides persistent foam suppression without frequent re-dosing. Its robust chemical and thermal stability ensures performance across wide pH ranges and variable process conditions. Ideal for applications such as pulp and paper, wastewater treatment, and chemical manufacturing, this defoamer minimizes foam recurrence, reduces sludge formation, and enhances process reliability over extended operational cycles.

2. Typical Applications

- Biological wastewater treatment
- Fermentation and bioprocessing
- Cooling water circulation systems
- Paper machine whitewater control
- Recirculating cleaning baths

3. Key Features

- Long-lasting foam suppression
- Stable under continuous aeration and agitation
- Compatible with a wide range of pH and temperatures
- Low reapplication frequency
- Easily incorporated into aqueous systems

4. Typical Properties

Property	Value
Appearance	Translucent to hazy liquid
Viscosity (25°C)	500–1500 cP
pH	6.5 – 8.5
Active Content	20–40%
Solubility	Water dispersible

5. Recommended Dosage

Add 0.1%–0.5% by weight depending on system requirements. Conduct trials to determine optimal dosage for specific applications.

6. Storage & Packaging

Store in a cool, dry, and well-ventilated area. Avoid direct sunlight and freezing. Available in 25 kg pails, 200 kg drums, or custom packaging upon request.

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