



CAT-DEFOAM

Effective antifoam emulsion for rapid knockdown and sustained control of foam in fermentation and biological processes.

Foam formation during alcoholic fermentation and other industrial processes can disrupt operations, cause material losses and reduce process control efficiency.

Cat-Defoam is developed to provide efficient foam suppression across manufacturing stages. Its emulsion form ensures easy handling and effective dispersion in aqueous media.

Mode of Action

The product destabilizes foam structures by reducing surface tension and promoting rapid collapse of foam bubbles. Uniform dispersion allows consistent performance without adverse effects on microbial growth.

Product Key Benefits

- Quick foam knockdown and durable control
- High efficiency even at low dosage
- Easy dispersion in aqueous systems
- No negative impact on microbial efficiency
- Applicable across fermentation and other industrial processes

Product Application

Used in alcoholic fermentation involving cane molasses, grain and beet molasses, as well as wastewater treatment and biogas processes requiring foam control.

Operational Conditions

- Working pH range: **4 – 8**
- Working temperature range: **Below 50°C**

Dosage

- Typically 20–100 ppm depending on foam intensity; may be dosed neat or diluted.

Product Characteristics

- Translucent viscous brown liquid with specific gravity 0.6–0.8, active content 100% and pH 3–4 (0.1% solution). Readily dispersible in water.

Product Shelf Life

- 12 months in unopened container stored at 25–35°C and protected from freezing.

Product Packaging

- 50 kg HDPE containers.

Product Handling

Use PPE, avoid inhalation and prolonged contact. Do not mix with incompatible chemicals and follow MSDS and label instructions.



ISO 9001:2015 Certified | FSSC 22000 Certified

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