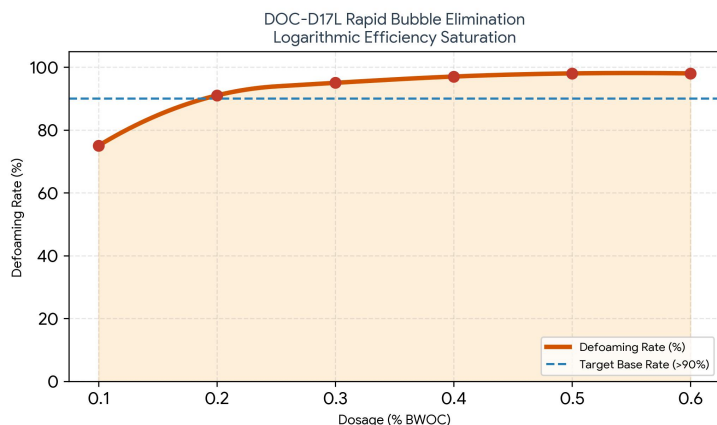


DOC-D17L Cementing Defoamer

Polyether-Based Agent for Rapid Foam Elimination

1. Performance Highlight (Defoaming Rate)

DOC-D17L is a high-efficiency polyether defoamer. The following chart illustrates its capability to rapidly achieve and sustain a defoaming rate of over 90% within the recommended dosage range, effectively eliminating entrained air during the cement slurry mixing process:



2. Features & Benefits

- **Rapid Foam Elimination:** Quickly breaks down and eliminates bubbles produced during the mixing process, ensuring a stable and consistent cement slurry density.
- **Excellent Anti-Foam Performance:** Provides long-lasting anti-foaming capability, preventing the reformation of gas entrapment during pumping and placement.
- **Zero Negative Impact:** Does not affect the general performance of conventional cement slurries nor retard the compressive strength development of the set cement stone.
- **High Compatibility:** Exhibits superior compatibility with all standard cementing additives within the slurry system.
- **High-Temperature Durability:** Operates reliably in well environments with Bottom Hole Circulating Temperatures (BHCT) up to 230°C.

3. Technical Specifications

Property Item	Technical Specification / Index
Appearance	Milky liquid
Chemical Base	Polyether (20-40% concentration)
Odor	Non-Irritating
Defoaming Rate (%)	> 90%
Recommended Operating Temperature	< 230°C (BHCT)
Recommended Field Dosage	0.2% - 0.5% (BWOC)

4. Packaging & Storage

- **Packaging:** Packaged in 200L plastic drums, or based on custom's request.
- **Storage Conditions:** Store in a safe, ventilated environment. Not listed in the International Regulations on the Transport of Dangerous Goods.

To obtain the Material Safety Data Sheet (MSDS) or to learn more about laboratory application schemes, please contact us directly:
QINGDAO DIMENSIONAL COPOLYMERIZATION ENERGY CO., LTD.

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