# TECHNICAL DATASHEET: APP-DF1 DEFOAMER

## DESCRIPTION

APP-DF1 is a silicone emulsion defoamer with fast defoaming action. Recommended industries: textile slurry (acrylic acid slurry), metal processing liquid, chemical building materials (cement mortar, concrete), petroleum processing (drilling mud, cementing), etc.

## SPECIFICATIONS AND CHARACTERISTICS

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| **Ingredient** | It is composed of polysiloxane, modified polysiloxane, white carbon black, dispersant, stabiliser, etc. |
| **Appearance** | A white or yellowish uniform milky liquid, free of precipitate and visible mechanical impurities |
| **Viscosity (25℃/mPa·s)** | 200-400 |
| **Emulsion ion type** | Weak anionic type |
| **Solid Content** | 23±1% |
| **pH value** | 6.5-8.5 |
| **Defoaming rate** | >70% |
| **Bubble inhibition rate** | >75% |

## APPLICATIONS

- Textile slurry (acrylic acid slurry)
- Metal processing liquid
- Chemical building materials (cement mortar, concrete)
- Petroleum processing (drilling mud, cementing)

## PACKAGING & STORAGE

The defoamer is packed in 25L plastic drums, 200L plastic drums or 1000L tonne drums. Special requirements can be negotiated and customised. The defoamer should be stored sealed at 5 °C ~40 °C, and should not be placed near the heat sources or exposed to sunlight. Do not add acids, alkalis, salts or other substances to this product. Store according to general chemical storage practice. Reseal after use to avoid deterioration.

## SHELF LIFE

Unopened, at the recommended storage temperature, the shelf life is 9 months from the date of production.

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistency or permanency of the products or specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed.

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