

## PRODUCTS TECHNICAL DATA

### 1.PRODUCT NAME : Silicone Emulsion Defoamer, ME-DEFOA

#### COMPOSITION / INFORMATION ON INGREDIENTS AND APPLICATIONS

**ME-DEFOA** is a blend of non-ionic surfactants and silicone polymer.

**ME-DEFOA** is used to prevent or eliminate foaming tendencies in water-based fluids or brines.

#### Advantages

- Reduction or elimination of foaming
- Effective at low concentrations
- Compatible with a range of water-based fluids and brines.
- Fast de-foaming, Long - lasting Antifoaming effect and strong chemical inertness.
- Good rheological property and stability
- Can be added directly to the circulating system
- Contains no petroleum hydrocarbons
- It has good de-foaming effect on the refractory foam caused by xanthan gum or sodium carboxymethyl cellulose as viscosifier.
- Can be used in oil treatment process to replace of De-emulsifier.
- It has good de-foaming effect by 45ppm, inhibition effect by 70ppm, and recovery rate of density reach to 90% by 50ppm
- The rate can reach 91%

#### Typical Properties

Appearance: Clear liquid

Specific gravity: 0.98-1.05

PH : 6.0-8.0

Fluorescence level: 0

Flash point: >160° C

The product is emulsion, if the product is found to have micro delaminating, the shake should be added evenly.

#### Recommended Treatment

Add 0.25 - 0.50 kg/m<sup>3</sup> **ME-DEFOA** directly to the circulating system. **ME-DEFOA** can be added before lubricants which may have a foaming tendency.