



BAROID BARA-DEFOAM[®] 500

Defoamer

Description BARA-DEFOAM[®] 500 defoamer is designed for topical application to break down foam associated with air/foam drilling operations. BARA-DEFOAM 500 defoamer can be used to defoam most water-based drilling fluids.

Applications/Functions

The use of BARA-DEFOAM 500 assists or promotes the following:

- Enhanced breakdown of surface foam for air/foam drilling systems
- Reduced surface foam in water-based drilling fluids
- Minimized air entrainment in water-based drilling fluids

Advantages

- Easy to use, readily dispersible in water
- Effective in low concentrations
- Non-Silicone defoamer

Typical Properties

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| • Appearance | Opaque, white liquid |
| • Density | 7.8 lb/gal |
| • Solubility | Dispersible in water |

Breakdown of surface foam for air/foam drilling:

- Mix BARA-DEFOAM 500 defoamer with water into a pump sprayer at a ratio of 8-32 fluid ounces per gallon of water (62.5 - 250 ml/liter of water). Apply mixture with pump sprayer in mist form to the surface of the generated foam.
- For larger scale air/foam or stiff-foam operations where larger volumes are required mix BARA-DEFOAM 500 defoamer at 6.25-25 % by volume with fresh water and apply topically to manage produced foam.

Reduction of foaming in water-based drilling fluids:

- Add BARA-DEFOAM 500 defoamer directly into the affected fluid at a concentration of 0.5-1.0 pint per 100 gallons (0.6-1.25 liters/m³) of drilling fluid.

NOTE: The ultimate usage concentration of BARA-DEFOAM 500 defoamer may vary with the concentration of foaming agent and/or polymers used. Contact your local Baroid IDP Representative for further assistance.