

Product Description

DF-Barite™ weighting agent, ground barium sulfate, meets the API specification 13 A, Section 2, for drilling fluid barite. DF-Barite weighting agent can be used to increase densities of oil-based and water-based drilling fluids to 21 lb/gal - 2516 kg/m³

Application Areas

- Helps increase mud density up to 21 lb/gal - 2516 kg/m³
- Helps control formation pressures.
- Helps stabilize the borehole.
- Helps prepare solids-laden plugs for well control application

Advantages

- Is the industry standard weighting agent for drilling fluids
- Chemically inert
- Cost effective weighting agent

Properties

- Physical appearance.....Powder.
- Specific Gravity.....4.1 -4.2

Recommended Treatment

Use the following weight-up formulas to determine the appropriate concentrations to be added to the system.

- For 1 bbl starting volume
 $X = 1470 (W_f - W_i) / (35 - W_f)$
- For 1 bbl final volume
 $X = 1470 (W_f - W_i) / (35 - W_i)$

Where,

X = DF-Barite weight material
 W_i = Initial mud weight, lb/gal
 W_F = Final mud weight, lb/gal

Packing

Available in 50-kg multiwall paper sacks and 1500-kg big bags or according to customer request.

Safe Handling

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.