



# QUIK MUD®

## Solids Encapsulation / Viscosity

**Description** QUIK MUD, a liquid polymer emulsion, is used as a viscosifier to enhance fluid rheological properties. It is also used to stabilize the borehole, especially in reactive clay and shale formations. QUIK MUD can also be used as a lubricating fluid to reduce torque. QUIK MUD is readily soluble in fresh, brackish, or salt water.

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### Applications/Functions

- Viscosify the drilling fluid to aid hole cleaning
  - Inhibit reactive clay from swelling
  - Stabilize water sensitive formations
  - Improve borehole stability
  - Reduce torque and pumping pressure
  - Flocculate drilled solids when used in low concentration
  - Eliminate rod chatter in diamond drilling
  - Improve air/foam injection properties
  - Create “stiff-foam” and maintain foam integrity
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### Advantages

- Easy to disperse with minimum shear
  - Effective in brackish and salty waters
  - Increases fluid lubricity
  - Non-fermenting, requires no biocides
  - Can be broken down with liquid bleach (sodium hypochlorite)
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### Typical Properties

- Appearance Milky white fluid
  - Specific gravity 1.10
  - Flash point >62°C
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### Recommended Treatment

Approximate amount of QUIK MUD added to drilling fluid system

#### Added to fresh water (to formulate a clay-free drilling fluid)

- To stabilize reactive clay and shale
  - ♦ 1 to 2 liters per 1000 liters
- To reduce torque and pumping pressure
  - ♦ 0.5 to 0.75 liters per 1000 liters

#### Added to AQUAGEL® or QUIK-GEL® drilling mud

- To inhibit reactive clay and enhance fluid lubricity
  - ♦ 1.0 to 1.5 liters per 1000 liters

**Recommended Treatment (continued)**

Added to injection liquid in air/foam drilling applications

- To improve foam performance and hole conditions
  - ♦ 1 to 2 liters per 1000 liters

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**Packaging**

QUIK MUD® is packaged in 25 kg drums.

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**Availability**

QUIK MUD can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor nearest you, contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products**

**Product Service Line, Halliburton**

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Houston, TX 77032

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