

DRILAMINE®

Product Data Sheet

COST-EFFECTIVE POLYAMINE SHALE INHIBITOR

Description

DRILAMINE® is a cost-effective industry grade polyamine shale inhibitor.

It acts by neutralizing negatively charged surfaces of clay particles and prevents hydration by forming a hydrophobic layer on cuttings and wellbore wall.

DRILAMINE® particles dissolved in the drilling fluid filtrate penetrate and adsorb into the pores and microfractures, narrowing the pore space by the mechanism of electrostatic interaction.

Applications/Functions

- Used as one of the main components of high-performance water-based muds
- Suppresses clay interlayer hydration, prevents swelling
- Adds lubricity
- Prevents pore pressure transmission

Advantages

- Cost-effective
- Unlike KCl does not dry out shales, prevents compaction and spalling
- Can be used in reservoir drill-in fluids

Recommended treatment

2-10 ppb (5,6-28 kg/m³). If added directly to the active mud system it is recommended to add calculated DRILAMINE® amount throughout 2 full circulation cycles.

Typical properties

Appearance – Brown liquid

Handling

Please refer to the MSDS for specific instructions

Packaging

DRILAMINE® is packaged in 55 gal (208 liters) metal or plastic drums.

Disclaimer: Prior to using this product, the user is hereby informed and cautioned to make their own determination and assessment of the safety and applicability of the product for the specific job. It is the final responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.



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