

QNCa L

Description

QNCa L is a Calcium Nitrate solution, with formula $\text{Ca}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$, used to flocculate drilling fluids and inhibit clays and shales during the drilling operations. QNCa L is packaged as a liquid product allowing it to be easily added into the drilling fluid system.

QNCa L is easily disposed of and works well as a fertilizer in agriculture applications.

Applications

QNCa L is usually applicable in the surface hole during normal drilling operations using water base fluids. It is an excellent choice for use in young clay formations as the Calcium ion acts as an excellent clay inhibitor. QNCa L is an economical option compared to other inhibitors.

Features and Benefits

- Inhibits clays and shales
- Useful in surface hole sections
- Assists in wellbore stabilization
- Economical
- Easily disposed of
- Works well as a fertilizer in agriculture

Typical Properties

Appearance	Liquid
Color	Clear
Specific Gravity	1.56 – 1.57
pH (57% Solution)	5.0 – 7.0
Solubility	100% Soluble in water
Ammonia Nitrogen	< 0.15%

Recommended Treatment

As required according to the mud program and well conditions. Concentrations will vary according to the fluid density and formation reactivity.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

QNCa L is packaged in 264 gal (1m³) totes.

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