

# QNCa

## Description

QNCa is Calcium Nitrate decahydrate  $5\text{Ca}(\text{NO}_3)_2 \cdot 10\text{H}_2\text{O}$  used to flocculate drilling fluids and inhibit clays and shales during the drilling operations.

Is easily disposed of and works well as a fertilizer in agriculture applications.

## Applications

QNCa 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 is an economical option compared to other inhibitors.

## Features and Benefits

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

## Typical Properties

Appearance	Granular Solid
Color	White
Specific Gravity	1.10
Total Nitrogen	15.5%
Nitric Nitrogen	14.4%
Ammonia Nitrogen	1.1%
CaO Soluble in Water	26.6%
Solubility in water	68% @ 20°C

## 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 is available in 55 lb (25 kg) bags.

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www.qmax.com – 11700 Katy Fwy, Ste 200, Houston, TX 77079 – Tel.: 832 672 4476