



# CALCIUM AMMONIUM NITRATE

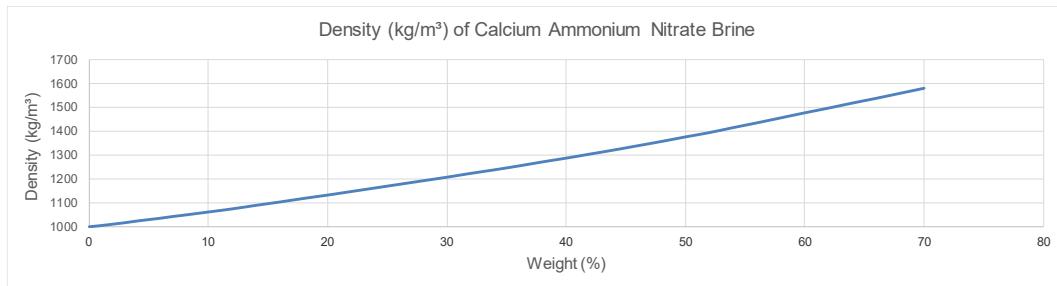
# PRODUCT DATA

*ENVIROFLOC, CALCIUM NITRATE,  $5Ca(NO_3)_2 \cdot NH_4NO_3 \cdot 10H_2O$*

## APPLICATIONS AND BENEFITS:

**Calcium ammonium nitrate** is an excellent source of soluble calcium and can be used as a coagulant in clear water drilling / stripping operations, as an accelerator in cementing and as a weighting agent in straight and mixed brines for well control.

**Calcium ammonium nitrate** is a free flowing material with 90% of particles between 2– 4mm. It is hygroscopic in nature so it readily dissolves. **Calcium ammonium nitrate** is not regulated under TDG.



## HIGHLIGHTS:

- Quickly dissolves in water
- An excellent source of soluble calcium
- Excellent weighting characteristics (can increase brine density to 1581kg/m<sup>3</sup> in single salt systems)
- Good brine compatibility. Can be used to supplement other salts to reach higher densities (CaCl<sub>2</sub> primarily)
- Can be used to stabilize shales at higher concentrations

## PHYSICAL PROPERTIES:

- Ammonium-N: (NH<sub>4</sub>): 1.0 - 1.3%
- Nitrate-N: (NO<sub>3</sub>-N): 14 - 14.4%
- Total N: 12 - 16% min
- Calcium (Ca): 19% min
- Appearance: Solid - prill (2 - 4mm)
- Colour: White - tan
- Odour: Odourless
- Solubility: Soluble in water (>100g/l)
- pH: 5 - 7 (110g/l)
- SG: 1 - 1.12

## MIXING/HANDLING:

**See the Safety Data Sheet for complete safety, health, and environmental data.**

## PACKAGING:

- 25kg sack
- 36.29kg sack
- 1000kg Big Bags



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