Calcium Nitrate Tetrahydrate

Fertiliser Grade

Chemical Formula: $Ca(NO_3)_2 \cdot 4H_2O$
CAS Number: 13477-34-4

DESCRIPTION

Calcium Nitrate Tetrahydrate is a high-purity, water-soluble calcium nitrate designed for use in fertilisers, industrial applications, water treatment, and chemical processing. The product provides a readily available source of calcium and nitrate nitrogen with excellent solubility and low impurity levels.

KEY FEATURES

- High purity
- Highly water soluble
- Excellent source of calcium and nitrate nitrogen
- Low levels of insoluble matter
- Low chloride and sulphate content
- Suitable for agricultural and industrial applications

APPLICATIONS

- Fertilisers
- Hydroponics
- Fertigation
- Water treatment
- Concrete admixtures
- Industrial chemical processing

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Calcium Oxide (CaO), %	≥23.4
Nitrogen (N), %	≤11.6
Water Insoluble, %	≤0.01
pH	5.0 – 7.0
Iron (Fe), %	≤0.002
Chloride (Cl), %	≤0.005
Sulphate (SO_4), %	≤0.03
Heavy Metals, %	≤0.001
Mercury (Hg), mg/kg	≤10

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING
Available in 25 kg bags, palletised.

STORAGE & HANDLING
Store in a cool, dry, and well-ventilated area in tightly sealed original packaging. Protect from moisture and direct sunlight.

SHELF LIFE
Refer to the Safety Data Sheet (SDS) for detailed information regarding safe handling, storage, transport, and regulatory compliance.

SAFETY
Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information. Use appropriate personal protective equipment when handling.