

CEON CHEMICAL COMPANY

SAFETY DATA SHEET (SDS/MSDS)

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Product	CE-FORCE CALNIT	Issue Date	13 July 2026
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1. Identification

CE-FORCE CALNIT - Liquid calcium nitrate fertiliser. Intended use: agricultural plant nutrition / biostimulant / plant growth regulator, as applicable.

2. Hazards Identification

Use in accordance with label instructions. Avoid eye contact, ingestion and unnecessary inhalation of dust or spray mist. Final legal classification must follow the actual manufactured formulation and applicable market rules.

3. Composition / Information on Ingredients

Declared guaranteed analysis and corresponding analytical methods are listed below.

Parameter	Specification	Analysis Method
Total Nitrogen (N)	8% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Nitrate Nitrogen (NO ₃ -N)	8% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Water-soluble Calcium Oxide (CaO)	15% w/v	ICP-OES after appropriate extraction
Plant-Derived Bio-Activator	3% w/v	Validated in-house HPLC/spectrophotometric marker method
Plant-Derived Free Amino Acid	5% w/v	HPLC-UV/FLD after validated derivatisation
Titanium (Ti)	0.05% w/v	ICP-OES after appropriate acid digestion/extraction

4. First-aid Measures

Inhalation: move to fresh air. Skin: wash with water. Eyes: rinse cautiously with clean water for several minutes. Ingestion: rinse mouth and seek medical advice if unwell.

5. Fire-fighting Measures

Use extinguishing media suitable for the surrounding fire. Avoid breathing combustion fumes.

6. Accidental Release Measures

Contain and collect mechanically or with suitable absorbent material. Prevent uncontrolled entry into drains and surface water.

7. Handling and Storage

Use good industrial hygiene. Keep container tightly closed in a cool, dry and ventilated place away from direct sunlight, frost and incompatible materials.

8. Exposure Controls / Personal Protection

Wear suitable gloves and eye protection during industrial handling. Provide adequate ventilation where dust or mist may form.

9. Physical and Chemical Properties

Liquid calcium nitrate fertiliser. Additional batch-specific properties are determined by quality control.

10. Stability and Reactivity

Stable under recommended conditions. Avoid extreme heat and incompatible materials.

11. Toxicological Information

No complete toxicological dataset is stated in the catalogue. Avoid ingestion and prolonged or repeated exposure.

12. Ecological Information

Apply only at recommended agricultural rates. Avoid uncontrolled environmental release.

13. Disposal Considerations

Dispose of residues and packaging according to local requirements.

14. Transport Information

Confirm final ADR/IMDG/IATA status from the manufactured formulation and destination-country rules.

15. Regulatory Information

Market placement and label compliance must follow applicable national fertiliser and chemical regulations.

16. Other Information

Prepared for website publication from CEON Products Catalogue page 20. Analytical methods are reference methods appropriate to the declared parameters.