

CEON CHEMICAL COMPANY

TECHNICAL DATA SHEET (TDS)

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1. Product Description

Liquid magnesium nitrate fertiliser

2. Guaranteed Analysis and Analytical Methods

Parameter	Specification	Analysis Method
Total Nitrogen (N)	6% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Nitrate Nitrogen (NO ₃ -N)	6% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Water-soluble Magnesium Oxide (MgO)	9% w/v	ICP-OES after appropriate extraction
Free Amino Acid	3% w/v	HPLC-UV/FLD after validated derivatisation

3. Key Benefits

Supplies rapidly available magnesium and nitrate nitrogen to support chlorophyll formation, photosynthesis, greener foliage and crop quality.

4. Recommended Use Areas

Vegetables, fruit trees, vineyards, field crops, ornamentals and crops showing magnesium deficiency.

5. Application Rate

Apply by soil or foliar application according to crop stage and the catalogue dosage table.

6. Packaging

1 L, 5 L, 10 L, 20 L

7. Mixability and Storage

Conduct a small-container compatibility test before tank mixing. Do not exceed recommended rates. Store tightly closed in a cool, dry and ventilated area, protected from direct sunlight and frost.

8. Quality Note

Analytical methods shown are technically appropriate reference methods for the declared parameter and product matrix. Batch release results are recorded in the applicable COA.