

TECHNICAL DATA SHEET

CE-FORCE MIX

Document code	CEON-044-TDS-R05
Product category	Micronutrient mixture fertiliser with amino and fulvic acids
Physical form	Readily water-soluble powder
Packaging	1 kg, 5 kg, 10 kg, 20 kg, 25 kg
Catalogue reference	CEON Product Catalogue, page 56

1. Product overview

A broad-spectrum micronutrient blend for preventing and correcting multiple deficiencies. The combined Zn, Fe, Mg, Mn, Cu, Co and Mo profile is supported by amino acids and fulvic acid to improve uptake and performance under high-demand or stress conditions.

2. Guaranteed analysis

Declared component	Guaranteed content
Water-soluble magnesium oxide (MgO)	2% w/w
Water-soluble cobalt (Co)	0.02% w/w
Water-soluble copper (Cu)	0.5% w/w
Water-soluble iron (Fe)	5% w/w
Water-soluble manganese (Mn)	1% w/w
Water-soluble molybdenum (Mo)	0.02% w/w
Water-soluble zinc (Zn)	12% w/w
Fulvic acid	3% w/w
Free amino acids	5% w/w

3. Agronomic positioning

- Supports chlorophyll synthesis and photosynthetic activity
- Helps correct multi-element chlorosis and weak growth
- Supports enzyme systems, carbohydrate and protein metabolism
- Improves flowering, fruit development and crop colour
- Amino and fulvic fractions assist rapid uptake and stress recovery

4. Recommended application framework

Application route / crop group	Recommended framework
Foliar	100-150 g per 100 L water
Soil / fertigation	2.5-3.0 kg/ha
Vegetables and fruit crops	Use from early vegetative growth through fruit set as required
Field crops	Use at active growth and early reproductive stages based on diagnosis

Application rates are programme guidance derived from the catalogue and agronomic practice. The approved destination-market label, crop sensitivity, soil/leaf analysis, irrigation volume and local regulation take precedence.

5. Mixing and application procedure

- Fill the tank with 30-50% clean water and start agitation.
- Pre-dissolve the measured product in a separate clean container where practical.
- Add the solution slowly to the main tank while maintaining agitation.
- Add compatible plant-protection products only after a jar test and according to their label order.
- Complete filling with water, maintain agitation and use the mixture promptly.
- Flush fertigation lines and spray equipment with clean water after use.

6. Compatibility and precautions

Conduct a jar test before mixing with pesticides or phosphate-rich products. Avoid direct contact between concentrated stock solutions.

- Do not mix concentrated fertiliser solutions together unless compatibility is confirmed.
- A small-scale jar test is required before new combinations.
- Avoid application during extreme heat, frost, drought stress or intense sunlight.
- Use clean, low-sediment water and appropriate filtration in drip systems.

7. Storage and shelf-life controls

- Store sealed in the original package in a cool, dry, ventilated place.
- Protect from direct sunlight, moisture, frost and excessive heat.
- Keep away from food, feed, children and unauthorised persons.
- Reseal opened packages immediately to avoid caking or contamination.
- Shelf life is governed by the approved commercial label and batch release documentation.

8. Quality control and release

Each batch should be released against an approved specification using validated analytical methods appropriate to the declared nutrient. Identity, appearance, solubility/moisture where relevant, nutrient content, packaging integrity, lot coding and traceability should be verified before dispatch.

9. Regulatory statement

This TDS is a technical and commercial support document. It is not a substitute for the legally approved product label, registration dossier, destination-country fertiliser regulation, batch COA or final SDS classification. Claims must be adapted to the authorised market.