

TECHNICAL DATA SHEET

ARMSTONE

Document code	CEON-042-TDS-R05
Product category	Fulvic-acid micronutrient mixture fertiliser
Physical form	Fully water-soluble solid formulation
Packaging	100 g, 250 g
Catalogue reference	CEON Product Catalogue, page 54

1. Product overview

A concentrated micronutrient blend complexed with fulvic acids for rapid uptake through roots and leaves. The formulation is aimed at flowering, pollen quality, fruit set and correction of boron, molybdenum, manganese and zinc deficiencies.

2. Guaranteed analysis

Declared component	Guaranteed content
Water-soluble boron (B)	5% w/w
Water-soluble manganese (Mn)	2% w/w
Water-soluble molybdenum (Mo)	12% w/w
Water-soluble zinc (Zn)	4% w/w
Fulvic acid	10% w/w

3. Agronomic positioning

- Improves micronutrient mobility and uptake through fulvic-acid complexing
- Supports pollen viability, flower quality and fruit set
- Helps reduce flower and young-fruit abscission
- Corrects combined B-Mn-Mo-Zn deficiency patterns
- 100% water-dissolvable formulation that leaves minimal residue

4. Recommended application framework

Application route / crop group	Recommended framework
Foliar	100-150 g per 100 L water
Soil / fertigation	7-10 kg/ha
Vegetables	After germination, first flowering and early fruit formation
Fruit trees and vines	Beginning of flowering, 15 days after fruit formation and pre-harvest as required

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

Because molybdenum and boron are concentrated, use only at recommended rates. Do not apply repeatedly without crop need or professional advice.

- 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.