



Product Data Leaflet

Dissolvine® E-Mn-13

Application

In agriculture and in horticulture as foliar feed, in hydroponics or in soil applications.

Specifications

Item	Specification
	Method of analysis available on request
Appearance	Off-white microgranules
pH (1% solution)	6 - 7
Manganese (Mn) content, typical*	12.8%
Manganese (Mn) content, minimum	12.5%
Level of chelation	fully

Product meets requirements for an EC-fertilizer

* EC-fertilizer label value.

Main Characteristics Dissolvine® E-Mn-13 is a stable, water-soluble and non-dusting manganese chelate; Manganese is chelated by EDTA.

Item	Characteristic
Stable within pH	3 - 10
Bulk density tapped	approx. 850 - 1050 kg/m ³
Bulk density untapped	approx. 600 - 800 kg/m ³
Solubility in water	approx. 800 g/l (20 °C), 1200 g/l (80 °C)

Packing

For information on possible packing types and sizes, please contact your nearest AkzoNobel representative

Storage

Store in original packing at a dry place at ambient temperature (below 25 °C).

It is advised to re-test after three years of storage.



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Dissolvine® E-Mn-13

Chemical Name

Ethylenediaminetetraacetic acid manganese-disodium complex; EDTA-MnNa₂

Chemical Formula

C₁₀H₁₂N₂O₈MnNa₂

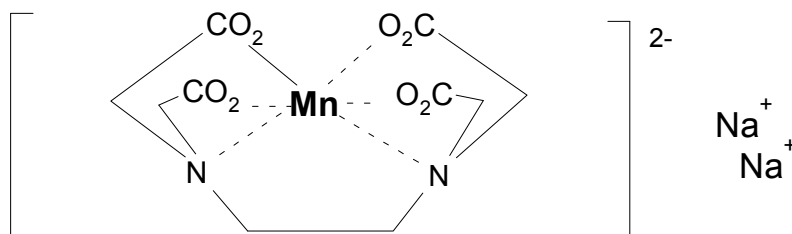
Molecular Weight

389.1

Environmental Aspects

Inherently biodegradable. Rapid biodegradation under slightly alkaline conditions.
Chemical oxygen demand (COD): approx. 500 mg/g

Structure



Further Information

For transport, handling and first aid instructions please refer to the Safety Data Sheet, which is available on request.
For samples, technical service and further information (ask for our User Recommendation Sheets), please contact your nearest Akzo Nobel Chemicals Sales Office or agent, or:

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www.akzonobel.com/micronutrients

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