



Product Data Leaflet

Dissolvine® E-Fe-13

Application

In agriculture and horticulture in soil application or as foliar feed.

Specifications

Item	Specification
	Method of analysis available on request
Appearance	Yellow green crystals
pH (1% solution)	4 - 5.5
Iron (Fe) content, typical*	13.3%
Iron (Fe) content, minimum	13.1%
Level of chelation	fully
Chloride content max	0.3%

Product meets requirements for an EC-fertilizer

* EC-fertilizer label value.

Main Characteristics

Dissolvine® E-Fe-13 is a stable, water-soluble iron chelate; Iron is chelated by EDTA.

Item	Characteristic
Stable within pH	1.5 - 6.5
Bulk density tapped	approx. 1100 - 1300 kg/m ³
Bulk density untapped	approx. 800 - 1000 kg/m ³
Solubility in water	approx. 90 g/l (20 °C), 120 g/l (30 °C), 300 g/l (70 °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. Exposure to sunlight may cause degradation of the product.



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Dissolvine® E-Fe-13

Chemical Name

Ethylenediaminetetraacetic acid ferric-sodium complex; EDTA-FeNa.3H₂O

Chemical Formula

C₁₀H₁₂N₂O₈FeNa. 3H₂O

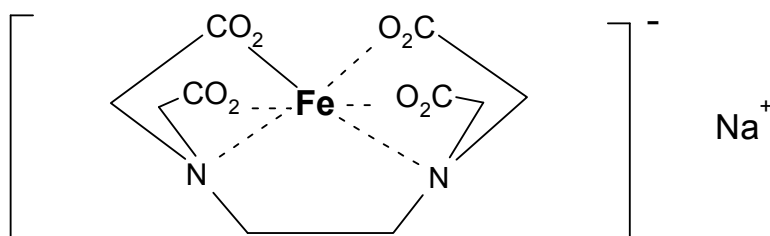
Molecular Weight

421.1

Environmental Aspects

Inherently biodegradable. Subject to photodegradation as aqueous solution.
Chemical oxygen demand (COD): approx. 570 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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