Product Data Sheet

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
Bulk density untapped	approx.1,100 kg/m3
Solubility in water	approx. 90 g/l (68°F or 20°C), 120 g/l (86°F, 30°C), 300 g/l (158°F, 70°C)

Packing

25 kg (55 lbs) net in cardboard boxes with an inside polyethylene bag or in 25 kg (55 lbs) net multiple paper valve bags with an inside polyethylene bag

Storage

Store in original packing at a dry place at ambient temperature (below 77 °F or 25 °C). It is advised to re-test after three years of storage. Exposure to sunlight may cause degradation of the product.

Dissolvine® E-Fe-13

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

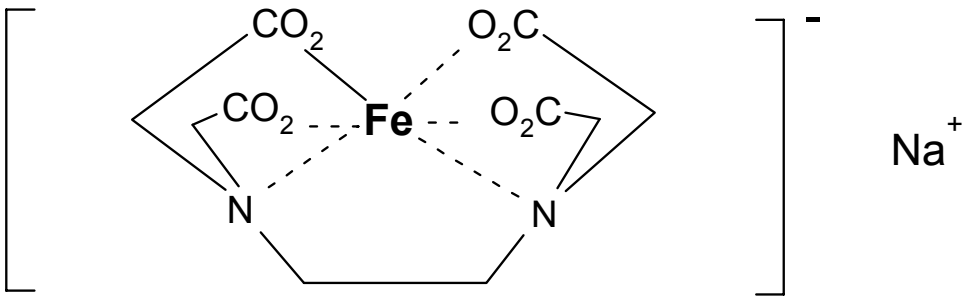
Chemical Formula $C_{10}H_{12}N_2O_8FeNa.\,3H_2O$

Molecular Weight 421.1

Environmental Aspects

Biodegradability:	slow
Chemical oxygen demand (C.O.D.)	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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Update: 1) °F in solubility