Product Data Sheet

Dissolvine® D-Fe-11

Application

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

Specifications

Item	Specification Method of analysis available on request
Appearance	Yellow green crystals
pH (1% solution)	2.5 - 3.5
Iron (Fe) content, typical*	11.6%
Iron (Fe) content, minimum	11.3%
Level of chelation	fully

Product meets requirements for an EC-fertilizer.
* EC fertilizer label value.

Main Characteristics

Dissolvine® D-Fe-11 is a stable, water-soluble iron chelate;
Iron is chelated by DTPA.

Item	Characteristic
Bulk density untapped	approx. 650 - 750 kg/m3
Solubility in water	approx. 110 g/l (20 °C), 160 g/l (50 °C) (at pH as such)

Solubility under practical conditions (at pH = 7) is approx. 575 g/l (20 ºC)

Packing

25 kg net in cardboard boxes with an inside polyethylene bag.

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.

Dissolvine® D-Fe-11

Chemical Name Diethylenetriaminepentaacetic acid ferric-sodium hydrogen complex; DTPA-FeHNa

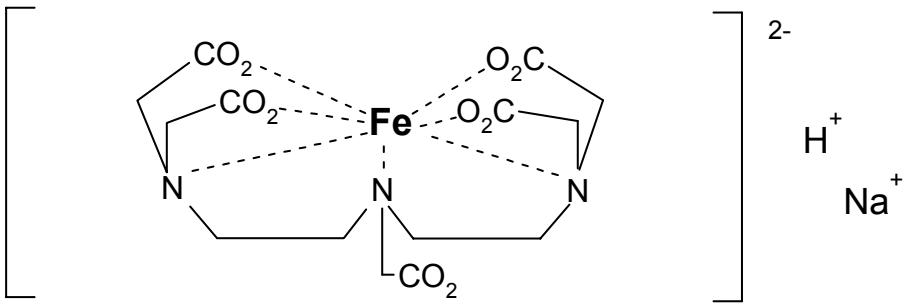
Chemical Formula $C_{14}H_{18}N_3O_{10}FeHNa$

Molecular Weight 468.2

Environmental Aspects

Biodegradability:	slow
Chemical oxygen demand (C.O.D.)	approx. 750 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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