



Product Data Leaflet

Dissolvine® D-Fe-6

Application

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

Specifications

Item	Specification
	Method of analysis available on request
Appearance	Clear red-brown liquid
pH (1% dilution)	6 - 7
Iron (Fe) content, typical*	6.1%
Iron (Fe) content, minimum	6.0%
Level of chelation	fully

Product meets requirements for an EC-fertilizer

* EC-fertilizer label value.

Main Characteristics

Dissolvine® D-Fe-6 is a stable, liquid iron chelate;
Iron is chelated by DTPA.

Item	Characteristic
Stable within pH	1.5 - 7.5
Density	approx. 1.30 g/ml
Miscibility with water	any desired ratio
Crystallization point	< -10 °C
Iron (Fe) content, weight/volume	approx. 7.9% (w/v)
Contains approx. 2.9% w/w N-NH ₄	

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 two years of storage. Do not store below the crystallization/freeze temperature. Exposure to sunlight may cause degradation of the product.



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Dissolvine® D-Fe-6

Chemical Name

Diethylenetriaminepentaacetic acid ferric-diammonium complex; DTPA-Fe(NH₄)₂

Chemical Formula

C₁₄H₁₈N₃O₁₀Fe(NH₄)₂

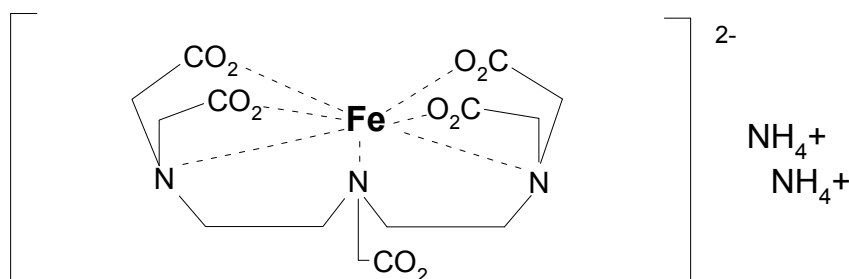
Molecular Weight

480.2

Environmental Aspects

Slowly biodegradable. Subject to photodegradation.
Chemical oxygen demand (COD): approx. 420 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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