



## Product Data Leaflet

# Dissolvine® H-Fe-4.5

### Application

In agriculture and in horticulture in soil and hydroponics applications.

### Specifications

Item	Specification
	Method of analysis available on request
Appearance	Clear red-brown liquid
pH (1% dilution)	5.0 - 7.0
Iron (Fe) content, typical*	4.5%
Iron (Fe) content, minimum	4.5%
Level of chelation	fully

Product meets requirements for an EC-fertilizer

\* EC-fertilizer label value.

### Main Characteristics

Dissolvine® H-Fe-4.5 is a stable, liquid iron chelate;  
Iron is chelated by HEDTA.

Item	Characteristic
Stable within pH	1.5 - 7.0
Density	approx. 1.4 g/ml
Miscibility with water	any desired ratio
Crystallization point	-18 °C
Iron (Fe) content, weight/volume	approx. 6.3% (w/v)

### 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® H-Fe-4.5

### Chemical Name

Hydroxyethyl ethylenediaminetriacetic acid ferric complex; HEDTA-Fe

### Chemical Formula

$C_{10}H_{15}N_2O_7Fe$

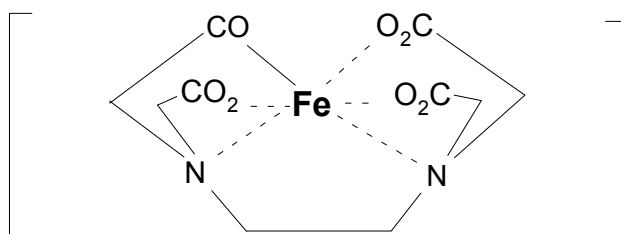
### Molecular Weight

331.1

### Environmental Aspects

Slowly biodegradable. Subject to photodegradation.  
Chemical oxygen demand (COD): approx. 235 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:

### Internet

www.akzonobel.com/micronutrients

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