



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

$C_{10}H_{15}N_2O_7Fe$

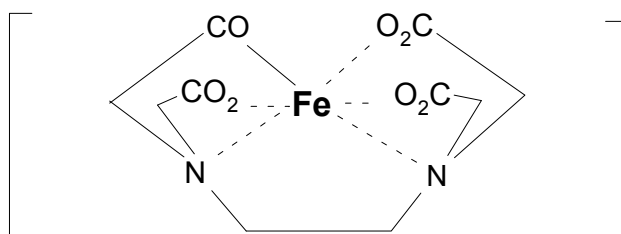
Molecular Weight

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:

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www.akzonobel.com/micronutrients

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