

**Dissolvine<sup>®</sup> D-Fe-11****APPLICATIONS**

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

**CHEMICAL NAME**

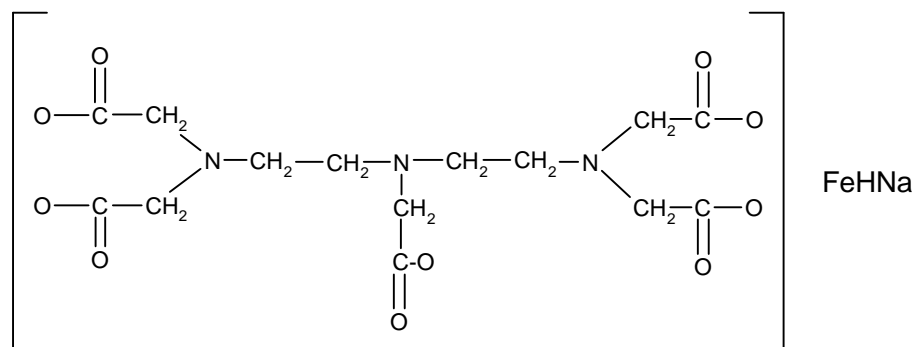
Diethylenetriaminepentaacetic acid, ferric-sodium complex;  
DTPA-FeHNa; (CAS-No: 12389-75-2)

**MOLECULAR FORMULAR**

C<sub>14</sub>H<sub>18</sub>N<sub>3</sub>O<sub>10</sub>FeHNa

**MOLECULAR MASS**

468.2

**STRUCTURE****SPECIFICATIONS**

Appearance : yellow-green powder  
Iron (Fe) content, typical\* (%) : 11.6\*\*  
Iron (Fe) content, minimum (%) : 11.3\*\*  
pH (1% solution) : 2.5 - 3.5  
Level of chelation : fully

Product meets the requirements for an EC-fertilizer.

\* EC-Fertilizer label value

\*\* Method of analysis available on request

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## MAIN CHARACTERISTICS

Dissolvine D-Fe-11 is a stable water-soluble metal chelate.

Solubility in water at pH as such : approx. 110 g/l (20°C)

: approx. 160 g/l (50°C)

Solubility under practical conditions (at pH = 7) will be higher

Bulk density : approx. 750 kg/m<sup>3</sup> (untapped)

## ENVIRONMENTAL ASPECTS

Biodegradability : slow

Chemical oxygen demand (C.O.D.) : approx. 750 mg/g

## PACKING

25 kg net in cardboard boxes with inside polyethylene bag.

## STORAGE

Store in original packing at a dry place at ambient temperature (below 25 °C).

Exposure to sunlight may cause degradation of the product.

It is advised to re-test the material after three years of storage.

## 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, please contact your nearest Akzo Nobel Chemicals Sales Office or agent, or:

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