

Product Data Sheet

Dissolvine® D-Fe-6

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

Specifications	Item	Specification
	Appearance	Method of analysis available on request Clear red-brown liquid
	pH (1% dilution)	6 - 7
	Iron (Fe) content, typical*	6.1% w/w
	Iron (Fe) content, minimum	6.0% w/w
	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
Density	approx. 1.30 g/ml
Miscibility with water	any desired ratio
Crystallization point	< -10 °C
Iron (Fe) content weight/volume (w/v)	approx. 7.9%
Contains approx. 2.9% w/w N-NH ₄	

Packing 250 kg net in PE drum or 1200 kg net Intermediate Bulk Container with valve (IBC).

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.
Exposure to sunlight may cause degradation of the product.

Dissolvine® D-Fe-6

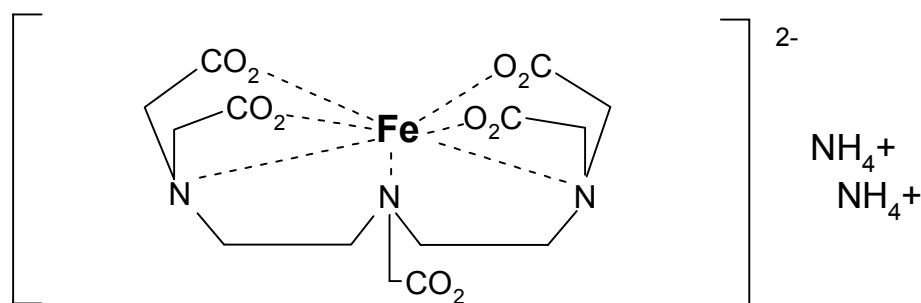
Chemical Name Diethylenetriaminepentaacetic acid ferric-diammonium complex; DTPA-Fe(NH₄)₂

Chemical Formula C₁₄H₁₈N₃O₁₀Fe(NH₄)₂

Molecular Weight 480.2

Environmental Aspects Biodegradability: slow
Chemical oxygen demand (C.O.D.) 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:

Internet Site www.micronutrients.info

Addresses

Europe, Middle East and Africa

Akzo Nobel Functional Chemicals
Barchman Wuytierslaan 10
P.O. Box 247
3800 AE Amersfoort
The Netherlands
Tel: +31 33 467 6341
Fax: +31 33 467 6165
E-mail: EUR@micronutrients.info

North, Central and South America

Akzo Nobel Functional Chemicals
1747 Fort Amanda Road,
Lima, Ohio 45804-1864
Inside USA Tel: +1 800 906 7979
Outside Tel: +1 419 996 2004
Fax: +1 419 229 0233
E-mail: NAM@micronutrients.info

Asia Pacific

Akzo Nobel Chemicals Pte Ltd.
510 Thomson Road
#17-00, SLF Building
Singapore 298135
Tel: +65 6354 6376
Fax: +65 6358 0659
E-mail: AP@micronutrients.info

FPD 1306-01-10 June-2002

Update: 1) new lay-out, NH₄ content

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

® Registered trade mark in one or more countries
© Copyright 2002 Akzo Nobel Functional Chemicals bv

www.micronutrients.info