



Product Data Leaflet

Dissolvine® Q40

Application

In agriculture and in horticulture in soil and hydroponics applications.

Specifications

Item

Specification

Method of analysis available on request

Appearance

Dark red-brown microgranules

pH (1% solution)

7 - 9

Iron (Fe) content, typical*

6.0%

Iron (Fe) content, minimum

5.7%

Iron chelated as Fe-EDDHA
(ortho-ortho isomer**) typical*

4.0%

Product meets requirements for an EC-fertilizer

* EC-fertilizer label value.

** method EN 13368-2

Main Characteristics

Dissolvine® Q40 is a stable, water-soluble and non-dusting iron chelate;
Iron is chelated by EDDHA.

Item

Characteristic

Stable within pH

3.5 - 10

Bulk density tapped

approx. 550 - 750 kg/m³

Bulk density untapped

approx. 500 - 700 kg/m³

Solubility in water

approx. 60 g/l (for practical use)

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 three years of storage. Exposure to sunlight may cause degradation of the product.



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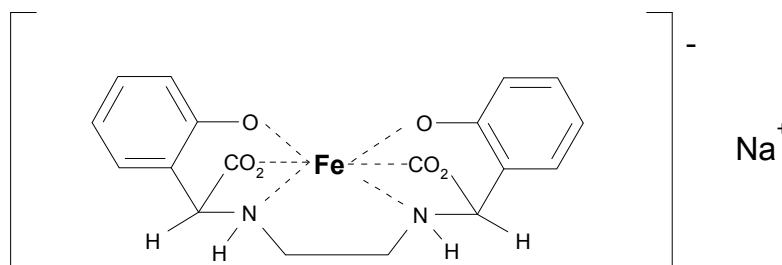
Chemical Name Ethylenediamine-N,N'-bis(2-hydroxy-phenyl acetic acid) ferric-sodium complex;
EDDHA-FeNa

Chemical Formula $C_{18}H_{16}N_2O_6FeNa$

Molecular Weight 435.2

Environmental Aspects Slowly biodegradable. Subject to photodegradation as aqueous solution.

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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