



# YaraVita™ Rexolin® E13

## EDTA Chelated Iron – Product Data Sheet

**Application** In agriculture and horticulture in soil application or as foliar feed.

### Specifications

#### Item

#### Specification

Method of analysis available on request

Appearance

Yellow green crystals

pH (1% solution)

4 - 5.5

Iron (Fe) content, typical\*

13.3%

Iron (Fe) content, minimum

13.1%

Level of chelation

fully

Chloride content max 0.3%

Product meets requirements for an EC-fertilizer

\* EC-fertilizer label value.

### Main Characteristics

YaraVita™ Rexolin® E13 is a stable, water-soluble iron chelate;  
Iron is chelated by EDTA.

#### Item

#### Characteristic

Stable within pH

1.5 – 6.5

Bulk density untapped

approx. 1,100 kg/m<sup>3</sup>

Solubility in water

approx. 90 g/l (68°F or 20°C), 120 g/l  
(86°F, 30°C), 300 g/l (158°F, 70°C)



**Storage**

Store in original packing at a dry place at ambient temperature (below 77 °F or 25 °C).  
It is advised to re-test after three years of storage. Exposure to sunlight may cause degradation of the product.

**Chemical Name**

Ethylenediaminetetraacetic acid ferric-sodium complex; EDTA-FeNa.3H<sub>2</sub>O

**Chemical Formula**

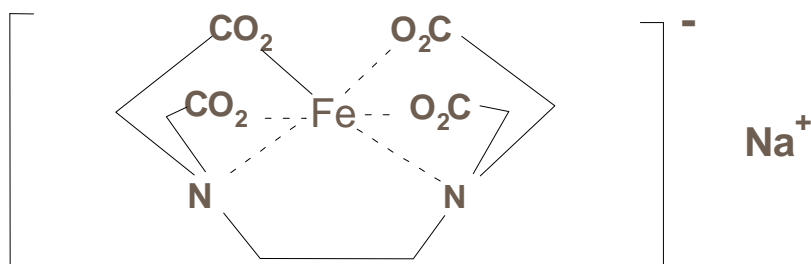
C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>8</sub>FeNa.3H<sub>2</sub>O

**Molecular Weight**

421.1

**Environmental Aspects**

Biodegradability: slow  
Chemical oxygen demand (C.O.D.): approx. 570 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 Yara Sales Office.

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This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. This sheet replaces all previous versions.