



Product Data Leaflet

Dissolvine® E-Ca-3

Application

In agriculture and in horticulture as foliar feed (secondary nutrient).

Specifications

Item	Specification
	Method of analysis available on request
Appearance	Light yellow liquid
pH (as is)	7.0 - 9.0
Calcium (Ca) content, typical*	3.0%
Calcium (Ca) content, minimum	2.9%
Level of chelation	fully
Calcium (Ca) content, maximum	3.1%

Main Characteristics Dissolvine® E-Ca-3 is a stable, liquid calcium chelate; Calcium is chelated by EDTA.

Item	Characteristic
Stable within pH	5 - 10
Specific Gravity	1.17 - 1.20
Miscibility with water	any desired ratio
Crystallization point	< 32 °F or 0 °C
Calcium (Ca) content, weight/volume	approx. 3.6% (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 77 °F or 25 °C)
It is advised to re-test after two years of storage. Do not store below the crystallization/freeze temperature.



Product Data Leaflet

Dissolvine® E-Ca-3

Chemical Name

Ethylenediaminetetraacetic acid calcium-disodium complex; EDTA-CaNa2

Chemical Formula

$C_{10}H_{12}N_2O_8CaNa_2 \cdot 2H_2O$

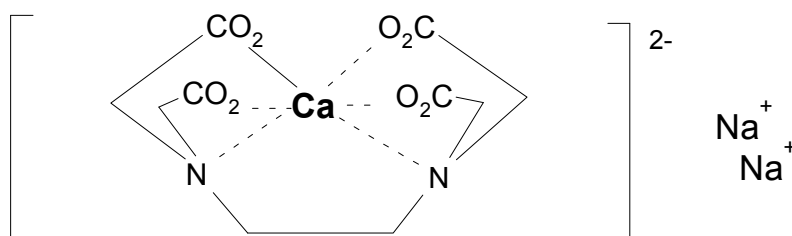
Molecular Weight

374.3

Environmental Aspects

Inherently biodegradable. Rapid biodegradation under slightly alkaline conditions.
Chemical oxygen demand (COD): approx. 175 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

www.akzonobel.com/micronutrients

Addresses

Europe, Middle East and Africa

Akzo Nobel Functional Chemicals bv
Stationsstraat 77
P.O. Box 247
3800 AE Amersfoort
The Netherlands
Tel: +31 33 467 6341
E-mail: EUR-micronutrients@akzonobel.com

North, Central and South America

Akzo Nobel Functional Chemicals LLC
525 Van Buren Street
Chicago, Illinois 60607
United States of America
Inside USA Tel: +1 800 906 7979
Outside USA Tel: +1 312 544 7000
E-mail: NAM-micronutrients@akzonobel.com

Asia Pacific - China

Akzo Nobel Chemicals (Ningbo) Co., Ltd.
5F, The Exchange
No. 299 Tong Ren Road
Jin An District, Shanghai 200040
P.R. China
Tel: +86 21 2216 3600
E-mail: AP-micronutrients@akzonobel.com

Asia Pacific - excl. China

Akzo Nobel Functional Chemicals Pte Ltd.
41 Science Park Road
#03-04 The Gemini
Singapore Science Park II
Singapore 117610
Tel: +65 6773 8488
E-mail: AP-micronutrients@akzonobel.com