



## Product Data Leaflet

# Dissolvine® E-Mg-3

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

Specifications	Item	Specification
		Method of analysis available on request
	Appearance	Clear yellow liquid
	pH (as is)	6.5 - 8.5
	Magnesium (Mg) content, typical*	2.5%
	Magnesium (Mg) content, minimum	2.4%
	Level of chelation	fully
	Magnesium (Mg) content, maximum	2.6%

**Main Characteristics** Dissolvine® E-Mg-3 is a stable, liquid magnesium chelate; Magnesium is chelated by EDTA.

Item	Characteristic
Stable within pH	6 - 10 (except at high Ca levels)
Specific Gravity	1.20 - 1.27
Miscibility with water	any desired ratio
Crystallization point	< 14 °F or -10 °C
Magnesium (Mg) content, weight/volume	approx. 3.1% (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.



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# Dissolvine® E-Mg-3

### Chemical Name

Ethylenediaminetetraacetic acid magnesium-disodium complex; EDTA-MgNa<sub>2</sub>

### Chemical Formula

C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>8</sub>MgNa<sub>2</sub>

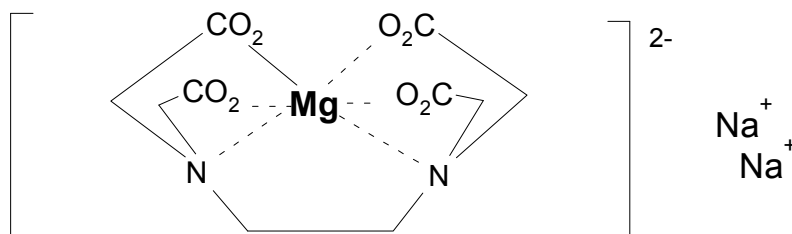
### Molecular Weight

358.5

### Environmental Aspects

Inherently biodegradable. Rapid biodegradation under slightly alkaline conditions.  
Chemical oxygen demand (COD): approx. 255 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