

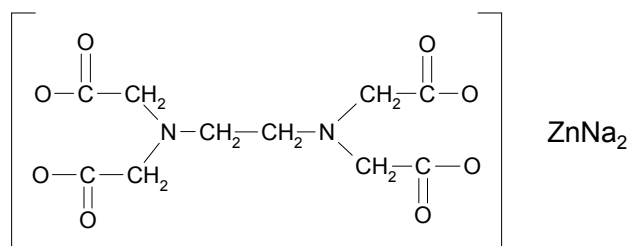


## Dissolvine<sup>®</sup> E-ZN-15

**Chemical Name** Ethylenediaminetetraacetic acid, zinc-disodium complex

**Chemical formula** [EDTA-Zn] Na<sub>2</sub>

**Structure**



**Mol. Weight** 399.6

**CAS Number** 14025-21-9

Specifications	Checkpoint	Specification	Units	Method
	Appearance	White microgranules		visual
	Zinc content	14.5 - 15.5	%	SMA 917.02
	pH of a 1% wv aqueous solution	6.0 - 7.0		SMA 176.18

**Main Characteristics** Dissolvine<sup>®</sup> E-ZN-15 is a stable, water-soluble metal chelate. Zinc is present in a chelated form.

Solubility in water	: approx. 1000 g/l water (20°C)
	: approx. 1200 g/l water (80°C)
Bulk density untapped (poured)	: approx. 700- 900 kg/m <sup>3</sup>
Bulk density tapped	: approx. 900-1100 kg/m <sup>3</sup>



## **Dissolvine**<sup>®</sup> **E-ZN-15**

<b>Applications</b>	As source of water soluble and chelated Zinc.	
<b>Environmental aspects</b>	Inherently biodegradable. COD: approx. 555 mg/g	
<b>Storage</b>	Store in original packing at a dry place. Opened bags must be closed again properly. It is advised to re-test the material after three years of storage	
<b>Further Information</b>	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, please contact your nearest AkzoNobel representative or:	
<b>Internet</b>	<a href="http://www.dissolvine.com">www.dissolvine.com</a>	
<b>Addresses</b>	<b>Europe, Middle East and Africa</b> Akzo Nobel Functional Chemicals bv Stationsstraat 77 P.O. Box 247 3800 AE Amersfoort The Netherlands Tel: + 31 33 467 6341 E-mail: <a href="mailto:EUR@dissolvine.com">EUR@dissolvine.com</a>	<b>North, Central and South America</b> Akzo Nobel Functional Chemicals LLC 525 W. 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: <a href="mailto:NAM@dissolvine.com">NAM@dissolvine.com</a>
	<b>Asia Pacific – China</b> 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: <a href="mailto:AP@dissolvine.com">AP@dissolvine.com</a>	<b>Asia Pacific – excl. China</b> 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: <a href="mailto:AP@dissolvine.com">AP@dissolvine.com</a>