

According to Regulation (EC) No. 1907/2006

DISSOLVINE E-MG-6

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product label name Ethylenediaminetetraacetic acid, magnesium disodium complex	
Supplier Akzo Nobel Functional Chemicals bv Stationsstraat 77 PO Box 247 NL-3800 AE Amersfoort Tel.: +31 334676767	
E-mail address of person responsible for safety data sheet SDS_chelates@AkzoNobel.com	
Emergency telephone T +31570679211 F +31570679801 AkzoNobel Chemicals-Deventer-NL	
Intended use chelating agent plant nutrient	
Date of last issue / Revision number 2009/08/25 / 0.22	

2. HAZARDS IDENTIFICATION

Non-hazardous according to Worksafe Australia criteria
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on hazardous ingredients			
Chemical description Ethylenediaminetetraacetic acid, magnesium disodium complex			
Composition / information on ingredients			
Number	% w/w	CAS-number	Chemical name
1	88 - 95	014402-88-1	Ethylenediaminetetraacetic acid, magnesium-disodium complex
2	0	SEQ250	Dust (general)

	Index-No.	EC-number	Symbol(s) (EU classification)	Risk-phrase(s)
1		238-372-3		none
2				

Other information Balance: water
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4. FIRST AID MEASURES

Symptoms and effects No typical symptoms and effects known.
First aid
General In all cases of doubt, or when symptoms persist, seek medical attention.

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Inhalation

Dust may be irritating to the respiratory tract and cause symptoms of bronchitis. Move to fresh air. If symptoms persist, seek medical advice

Skin

Take off contaminated clothing immediately. Wash immediately with soap and water. Launder clothes before reuse.

Eye

Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

Ingestion

Rinse mouth, give water to drink.

Advice to physician

No additional information available

5. FIRE-FIGHTING MEASURES

Extinguishing media

waterspray, foam, Carbon dioxide, dry chemical powder

Unsuitable extinguishing media

none known.

Hazardous decomposition / combustion products

Nitrous gases may be produced

Protective equipment

Use self-contained respiratory equipment.

Fire and explosion hazard

In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see Section 8

Environmental precautions

Collect as much as possible in a clean container for (preferable) reuse or disposal.

Methods for cleaning up

Flush remainder with water (Absorb the remainder with e.g. vermiculite). See section 13 .

7. HANDLING AND STORAGE

Handling

Avoid dust generation.

Fire and explosion prevention

In certain concentrations the product may form an explosive dust-air mixture.

Storage requirements

No specific recommendations

Other information

Protect product from moisture and wet air. Keep container tightly closed and dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls

No specific recommendations

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Personal protection	
Respiratory	In case of dust formation use dust mask. Dust exposure limits have to be respected.
Hand	For permanent (>480 minutes), full contact use, 100% nitrile gloves conforming to EN 374, e.g. KCL Dermatril 740 are recommended. If used under conditions other than given above it is recommended that a supplier of CE approved gloves is contacted. These recommendations are only applicable to the chemical as supplied by Akzo Nobel; if mixed with or dissolved in other substances please contact a supplier of CE approved gloves (e.g. KCL International +49 66 59870, fax +49 6659 87155).
Eye	The usual precautions for handling chemicals should be observed.
Skin and body	The usual precautions for handling chemicals should be observed.

Dust (general)		
Time Weighted Average (TWA)	10 mg/m ³	inhalable dust.
Time Weighted Average (TWA)	4 mg/m ³	respirable dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	microgranular (25 °C)
Colour	white
Odour	odourless
Boiling point/range	not applicable
Melting point/range	Decomposes prior to melting
Flash point	not applicable
Flammability	no
Explosive properties	no
Oxidizing properties	no
Vapour pressure	not applicable
Density	not applicable
Bulk density	600-800 kg/m ³

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Solubility in water approx. 900 g/l
Solubility in other solvents not determined
pH value 6.5-7 (1% solution)
Partition coefficient n-octanol/water Log Pow < 0
Relative vapour density (air=1) not applicable
Viscosity not applicable
Autoignition temperature >200 °C (glowing temperature of 5 mm product layer)
Explosion limits Lower Explosion Limit $\geq 40 \text{ g/m}^3$

10. STABILITY AND REACTIVITY

Conditions to avoid Reaction with strong oxidizing agents. Product layer on hot surface might cause glowing or autoignition .
Stability Stable under recommended storage and handling conditions (see section 7)
Incompatibles none known.
Hazardous decomposition products Emits toxic fumes under fire conditions (nitrous gases (NO _x)).

11. TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation as such available. From structurally related products the following may be expected:
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12. ECOLOGICAL INFORMATION

No experimental ecological data are available on the substance as such. From structurally related products the following may be expected:

13. DISPOSAL CONSIDERATIONS

Product According to local regulations.
Contaminated packaging No specific recommendations.

14. TRANSPORT INFORMATION

Land transport
Class not restricted
Classification Code not relevant / not relevant

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RID class not restricted
Hazard Identification No. none
Substance Identification No. none
UN number not relevant
Proper shipping name not relevant

Sea transport (IMO/ IMDG-code)
Class not restricted
Packing group none
UN number none
EMS not relevant
Marine pollutant no
Proper shipping name not relevant

Air transport (ICAO-TI / IATA-DGR)
UN number none
Class not restricted
Packing group none
Proper shipping name not relevant

15. REGULATORY INFORMATION

Product label name Ethylenediaminetetraacetic acid, magnesium disodium complex
Labelling according to EC directives
EC-number not applicable

R(isk) phrase(s) (EU classification)



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Code	Description
none	none

S(safety) phrase(s) (EU classification)	
Code	Description
none	none

German Water Hazard Class (WGK)
2 (Internal assessment)

16. OTHER INFORMATION

R-phrase information		
Chemical name	R(isk) phrase(s) (EU classification)	
Ethylenediaminetetraacetic acid, magnesium-disodium complex	none	none
Dust (general)		

History
Date of printing/ pdf file generated 2009/11/06
Revision 0.22
Composed by R. Borgmann-Strahsen A. Reichwein
Changes were made in section 14, Land transport
<small>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.</small>