

According to Regulation (EC) No. 1907/2006

Rexolin Q40

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

Product label name Ethylenediaminebis[(2-hydroxyphenyl)acetic acid], ferric sodium 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 plant nutrient	
Date of last issue / Revision number 2009/08/25 / 0.03	

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 Ethylenediaminebis[(2-hydroxyphenyl)acetic acid], ferric sodium complex			
Composition / information on ingredients			
Number	% w/w	CAS-number	Chemical name

	Index-No.	EC-number	Symbol(s) (EU classification)	Risk-phrase(s)
Other information Balance: non-hazardous ingredients.				

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.
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	Wash off with soap and water.

According to Regulation (EC) No. 1907/2006

Rexolin Q40

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. Seek medical advice after significant exposure.

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

Avoid dust generation. For personal protection see Section 8

Environmental precautions

Do not flush into public water courses. Do not empty into drains.

Methods for cleaning up

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

Provide adequate ventilation.

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

According to Regulation (EC) No. 1907/2006

Rexolin Q40

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 red brown
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 500-700 kg/m ³
Solubility in water approx. 60 g/l
Solubility in other solvents not determined
pH value 7-9 (1% solution)
Partition coefficient n-octanol/water Log Pow < 0
Relative vapour density (air=1) not applicable

According to Regulation (EC) No. 1907/2006

Rexolin Q40

Viscosity not applicable
Autoignition temperature >200 °C (glowing temperature of 5 mm product layer)
Explosion limits Lower Explosion Limit ≥ 40 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.
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12. ECOLOGICAL INFORMATION

No experimental ecological data are available on the preparation as such.

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

According to Regulation (EC) No. 1907/2006

Rexolin Q40

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
Other information Keep away from: aluminium + humidity / water

15. REGULATORY INFORMATION

Product label name Ethylenediaminebis[(2-hydroxyphenyl)acetic acid], ferric sodium complex
Labelling according to EC directives
EC-number not applicable

R(isk) phrase(s) (EU classification)	
Code	Description
none	none

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

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

16. OTHER INFORMATION

Product code 484061A

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According to Regulation (EC) No. 1907/2006

Rexolin Q40

R-pharse information		
Chemical name	R(isk) phrase(s) (EU classification)	

History
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Revision 0.03
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>