

## Safety Data sheet

According to Directive 1907/2006

### 1092 1,2-CICLOHEXANEDINITRILOTETRAACETIC ACID 1-H<sub>2</sub>O

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Creation Date: 08/09/2017 Revision date: 08/09/2017

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## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the product

Catalogue No: 1092 Product name: 1,2-CICLOHEXANEDINITRILOTETRAACETIC ACID 1-H<sub>2</sub>O Use of the substance: Analysis and chemical-pharmaceutical production

### Company/undertaking identification

QUALITY CHEMICALS, SL - C/Fornal 35. Pol. Ind. Can Comelles Sud 08292 ESPARREGUERA ESPAÑA Tel. 937709730 Fax. 937709337 e-mail: dtecnica@qualitychemicals.com

### Emergency telephone No.

Quality Chemicals S.L. Tel. +34 937709730 Only in business hours. Instituto Nacional de Toxicología \*Madrid\* Tel:915620420 Chemtrec: 800-424-9300

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## 2. Hazards identification

Labelling in accordance with directive 1907/2006

Labelling in accordance with directive 1272/2008



#### H-phrases

315 Causes skin irritation.  
319 Causes serious eye irritation.  
335 May cause respiratory irritation.

#### P-phrases

280 Wear protective gloves/protective clothing/eye protection/face protection.  
261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
312 Call a POISON CENTER or doctor/physician if you feel unwell.  
337+313 If eye irritation persists: Get medical advice/attention.

Signal word : WARNING

Classified as not dangerous in accordance with directive 1999/45/CE

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### 3. Composition/information on ingredients

For the full text of the R phrases mentioned in this section, see Section 16.

CAS-No.: 125572-95-4

Molecular Weight: 364,35

Chemical formula:  $C_{14}H_{22}N_2O_8 \cdot H_2O$

EC-No.: 236-308-9

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### 4. First aid measures

**Search immediate medical assistance**

Search immediate medical assistance

**Gloves necessity**

Help the injured person wearing suitable protective equipment.

**After inhalation:**

Fresh air

Call the physician

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

If sickness persists, call the physician

**After eye contact:**

Rinse with abundant water, keeping eyelids open (at least 10 min)

Call the physician if sickness persists

**After swallowing:**

Rinse the mouth

Call the doctor

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### 5. Fire-fighting measures

**Suitable extinguishing media:**

Adapt the materials of the surroundings

**Special risks:**

Ambient fire may liberate hazardous vapours

The following may develop in event of fire nitrogen oxides

**Special protective equipment for fire fighting:**

Remain in the risk area only if provided with independent artificial respiratory systems.

In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

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### 6. Accidental release measures

**Person-related precautionary measures:**

Do not inhale dust

Avoid dust formation

Ventilation in closed spaces

**Procedures for cleaning/absorption:**

Rinse.

To gather with precaution, starting its elimination

**Environmental protection measures:**

Not to spill to the sewage system

Do not allow to enter sewerage system

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## 7. Handling and storage

### Handling:

Avoid inhalation of dust. Wear proper respiratory protection  
Wear proper gloves and clothing.

### Storage:

Well closed  
In well-ventilated place  
Dry place.  
From 15°C to 25°C

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## 8. Exposure controls/personal protection

### Personal protective equipment:

#### Respiratory protection:

Necessary respiratory protection in the presence of dust

#### Hand protection:

Needed  
Protection gloves:

#### Eye protection:

Needed  
Security protection glasses

#### Skin and body protection:

Suitable protective clothing

#### Other protective equipment:

Change immediately contaminated clothes  
Wash hands and face when the work is finished  
Do not inhale the substance  
Neither to eat, nor to drink, nor to smoke during the work  
Wash hands before eating  
Fulfill the commitments under local environmental protection legislation

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## 9. Physical and chemical properties

Physical state: Solid  
Colour: White  
pH value: No data available  
Dynamic viscosity: No data available  
Melting point: 210°C  
Ignition temperature: No data available  
Explosion limits: No data available  
Vapour pressure: No data available  
Solubility: No soluble in water  
log P(ow): No data available  
Decomposition temperature No data available  
Partition coefficient n-octanol/water No data available  
Relative density No data available  
Autoignition temperature No data available

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## 10. Stability and reactivity

### Substances to be avoided:

Oxidizing agents.

**Hazardous decomposition products:**

Nitrous gases.

Carbon monoxide.

Carbon dioxide.

**Further information:**

Not available.

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## 11.Toxicological information

**After eye contact:**

Irritation

**After skin contact:**

Irritations

**After inhalation:**

Irritations of the mucous membranes

Irritation of: respiratory tract

**After swallowing:**

Might be harmful in case of ingestion

Irritations of pharynx

Irritations of gastrointestinal tract

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## 12.Ecological information

No information available

Fishes: No data available

Daphnia: No data available

Algae: No data available

Bacteria: No data available

Log P(ow): No data available

Degradability: No data available

BOD5 No data available

COD No data available

TOD No data available

Bioaccumulation: No data available

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## 13.Disposal considerations

**Product:**

Dispose as regulated in the community countries by local regulations.

Please contact with the suitable authority in each case (Public Administration or company specialized in

**Packaging:**

Product packaging disposal must be disposed of in compliance with the respective local regulations.

For contaminated packaging the same measures must be adopted as for the contaminated product.

Not contaminated packaging must be disposed of as domestic residues or recycled material.

European Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

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## 14.Transport information

**Overland transport ADR/RID**

**Quality Chemicals, S.L.**

Inscrita en el Registro Mercantil de Barcelona,  
tomo 30166, folio 195, Sección General, hoja 169845.  
Identificación fiscal ES B61403242

Fornal, 35 - Pol. Ind. Can ComellesSud  
Apdo. de Correos, 184

ES08292 Esparreguera (Barcelona)

Tel. (34) 93 770 97 30 - Fax (34) 93 770 93 37

customer-service@qualitychemicals.com - www.qualitychemicals.com

Sea transport IMDG

Air transport ICAO-IATA-DGR

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## 15.Regulatory information

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## 16.Other information

The information contained herein is based on the present state of our knowledge.  
It characterizes the product with regard to appropriate safety precautions. It does not represent  
a guaranty of the properties of the product.