

Safety Data sheet

According to Directive 1907/2006

3514 EDTA, DISODIUM SALT 2-HYDRATE GMP

Creation Date: 10/10/2014 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 3514 Product name: EDTA, DISODIUM SALT 2-HYDRATE GMP Use of the substance: Chemical analysis REACH registration Nr.: 01-2119486775-20-0017

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

2. Hazards identification

Labelling in accordance with directive 1907/2006



R-phrases

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

S-phrases

22 Do not breathe dust.

63 In case of accident by inhalation

45 In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where poss

Labelling in accordance with directive 1272/2008



H-phrases

332 Harmful if inhaled.

373 May cause damage to organs through prolonged or repeated exposure.

P-phrases

261 Avoid breathing dust/fume/gas/mist/vapours/spray.

304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

312 Call a POISON CENTER or doctor/physician if you feel unwell.

Signal word : WARNING

HARMFUL

R-phrases:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

3. Composition/information on ingredients

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

CAS-No.: 6381-92-6

Molecular Weight: 372,24

Chemical formula: $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

EC-No.: 205-358-3

R-phrases 48/20

For more information about the R-Phrases text you can consult the paragraph 16

4. First aid measures

After inhalation:

Fresh air

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

After eye contact:

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

After swallowing:

Drink lots of water

Call the doctor

5. Fire-fighting measures

Suitable extinguishing media:

Water

Dust

Foam

Special risks:

Combustible

Ambient fire may liberate hazardous vapours

Danger of dust explosion

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.

Other information:

Precipitate emergent steam with water

Avoid the penetration of the extinction water in superficial or subterranean aquifers.

6. Accidental release measures

Person-related precautionary measures:

Avoid dust formation
Do not inhale dust

Procedures for cleaning/absorption:

Dry cleaning. Proceed to the elimination of any waste.
Rinse.

Environmental protection measures:

Do not send it to the sewerage system

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed
Dry place.
Storage temperature: without limits

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

Protection gloves:
Nitrile rubber

Eye protection:

Needed

Other protective equipment:

Change immediately contaminated clothes
Wash hands when work is finished
Fulfill the commitments under local environmental protection legislation

9. Physical and chemical properties

Physical state: Solid
Colour: White
Odour: Odourless
pH value: 4-5 (50 g/l H₂O)
Vapour pressure: Low
Solubility: 100 g/l (water)

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.
Aluminium.
Zinc alloy.
Copper.
Zinc.
Nickel.

Hazardous decomposition products:

Not available.

Further information:

To avoid heating.

Releases water of crystallization when heated.

Possible powder explosion.

11.Toxicological information

Acute toxicity:

LD50 (oral, rat): > 2000 mg/kg (anhydrous)

After long contact:

Kidney problems

Due to absorption:

Electrolytic balance disorders

Further toxicological information:

The precautions adapted for chemical agents must be observed

12.Ecological information

Fishes: *Poecilia reticulata*: LC50: 320 mg/l/96h (anhydrous)

Bacteria: *Pseudomonas putida*: EC50: 56 mg/l/8h (anhydrous)

Degradability: Biologically not readily degradable

Other harmful effects:

Do not allow to enter waters, waste water, or soil

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

14.Transport information

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

15.Regulatory information

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

16. Other information

Full text of R phrases mentioned in sections 2 and 3

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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.