

Safety Data sheet

According to Directive 1907/2006

0760 CITRIC ACID 1-HYDRATE POWDER

Creation Date: 01/12/2010 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 0760 Product name: CITRIC ACID 1-HYDRATE POWDER Use of the substance: Analysis and chemical-pharmaceutical production. REACH registration Nr.: 01-2119457026-42-0000

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

36 Irritating to eyes.

S-phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Labelling in accordance with directive 1272/2008



H-phrases

319 Causes serious eye irritation.

P-phrases

305+351 If in eyes: Rinse cautiously with water for several minutes.

338 Remove contact lenses, if present and easy to do. Continue rinsing.

Signal word : WARNING
IRRITANT
R-phrases:
Irritating to eyes.

3. Composition/information on ingredients

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

CAS-No.: 5949-29-1

Molecular Weight: 210,14

Chemical formula: $C_6H_8O_7H_2O$

EC-No.: 201-069-1

R-phrases 36

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:

Adapt the materials of the surroundings

Special risks:

Combustible

6. Accidental release measures

Person-related precautionary measures:

Do not inhale dust

Procedures for cleaning/absorption:

Dry cleaning. Proceed to the elimination of any waste.

Rinse.

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed

Dry place.

Do not use metallic containers

Storage temperature: ambient

8. Exposure controls/personal protection

Exposure limit control
TLV-TWA: 10 mg/m³

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

Needed

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: 1,8 (50 g/l H₂O)

Melting point: 100°C

Ignition temperature: 1010°C (anhydrous powder)

Explosion limits: Lower: 0.28 kg/m³ (anhydrous dust); Upper: 2.29 kg/m³ (anhydrous dust)

Solubility: 1630 g/l (water, 20°C).

log P(ow): 1,72

10. Stability and reactivity

Substances to be avoided:

Metals.

Bases.

Strong oxidizing agents.

11. Toxicological information

Acute toxicity:

LD₅₀ (rat): 3300 mg/kg.

After eye contact:

Irritation

Further toxicological information:

Other dangerous characteristics are not discarded

Take the usual precautions for handling chemical products

12. Ecological information

Log P(ow): 1,72

Bioaccumulation: Not bioaccumulation is to be expected.

Other harmful effects:

No ecological problems are to be expected when the product is handled and used with due care are attentio

13. Disposal considerations

Product:

Dispose as regulated in the communitary 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

16. Other information

Full text of R phrases mentioned in sections 2 and 3

36 Irritating to eyes.

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.