

Safety Data sheet

According to Directive 1907/2006

1888 L-ASPARTIC ACID

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: 1888 Product name: L-ASPARTIC ACID 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

2. Hazards identification

Labelling in accordance with directive 1907/2006

Labelling in accordance with directive 1272/2008

Classified as not dangerous in accordance with directive 1999/45/CE
Product not dangerous according to Regulation (EC) 1272/2008

3. Composition/information on ingredients

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

CAS-No.: 56-84-8

Molecular Weight: 133,10

Chemical formula: $C_4H_7NO_4$

EC-No.: 200-291-6

4. First aid measures

After inhalation:

Fresh air

After skin contact: Rinse and wash the skin with water and soap

After eye contact:

Rinse with abundant water

After swallowing:

Great amounts: call the physician if sickness persists

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Combustible

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.

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.

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed

Dry place.

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: Characteristic
pH value: 2.5-3.5 (4 g/l H₂O 20°C)
Melting point: 270°C
Solubility: 4 g/l H₂O 20°C

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.
Alkaline hydroxides.

Hazardous decomposition products:

Nitrous gases.
Carbon monoxide.

11. Toxicological information

After eye contact:

Irritation

Further toxicological information:

No toxic effects are to be expected when the product is handled appropriately

12. Ecological information

No information available

Other harmful effects:

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

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 waste management)

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

15.Regulatory information

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.