

Safety Data sheet

According to Directive 1907/2006

3415 SODIUM BENZOATE parenteral use GMP

Creation Date: 01/12/2010 Revision date: 28/02/2018

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

Identification of the product

Catalogue No: 3415 Product name: SODIUM BENZOATE parenteral use GMP Use of the substance: Analysis and chemical-pharmaceutical production. REACH registration Nr.: 01-2119460683-35-0000

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

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

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

3. Composition/information on ingredients

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

CAS-No.: 532-32-1
Molecular Weight: 144,11
Chemical formula: C_6H_5COONa
EC-No.: 208-534-8

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:

Call the doctor

5. Fire-fighting measures

Suitable extinguishing media:

Water

Dust

Foam

Carbon dioxide

Special risks:

Combustible

Danger of dust explosion

Ambient fire may liberate hazardous vapours

Special protective equipment for fire fighting:

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

Other information:

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:

Needed

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: 9 (100 g/l H₂O)

Melting point: 300°C

Ignition temperature: >500 °C

Solubility: 660 g/l (water)

log P(ow): -2,27

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon monoxide.

Carbon dioxide.

Further information:

Hygroscopic.

Possible powder explosion.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 3140 mg/kg; LD50 (oral, rabbit): 2 g/kg; LD50 (oral, mouse): 1600 mg/kg

After swallowing:

Gastrointestinal disorders

Further toxicological information:

The precautions adapted for chemical agents must be observed

12. Ecological information

Fishes: LC50: >100 mg/l /96 h

Daphnia: Daphnia magna EC50: >100 mg/l /48 h

Algae: IC50: >10 mg/l /72 h

Bacteria: EC0: 1000 mg/l

Log P(ow): -2,27

Biodegradability: High

Bioaccumulation: No bioaccumulation is to be expected (log Pow>1).

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

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

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.