

Safety Data sheet

According to Directive 1907/2006

3831 CALCIUM HYPOPHOSPHITE GMP

Creation Date: 29/09/2016 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 3831 Product name: CALCIUM HYPOPHOSPHITE GMP 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



R-phrases

11 Highly flammable

S-phrases

7 Keep container tightly closed.

Labelling in accordance with directive 1272/2008



H-phrases

228 Flammable solid.

P-phrases

210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

280 Wear protective gloves/protective clothing/eye protection/face protection.

Signal word : DANGER
HIGHLY FLAMMABLE
R-phrases:
Highly flammable

3. Composition/information on ingredients

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

CAS-No.: 7789-79-9

Molecular Weight: 170,06

Chemical formula: $\text{Ca}(\text{H}_2\text{PO}_2)_2$

EC-No.: 232-190-8

R-phrases 11

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:

Avoid vomiting

Rinse the mouth

Call the doctor

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Flammable

The following may develop in event of fire: phosphorus oxides

Special protective equipment for fire fighting:

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

Other information:

Move away from ignition sources

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.

Other information:

Eliminate all the sources of ignition

Environmental protection measures:

Do not allow that the product gets to the environment

7. Handling and storage

Handling:

Do not inhale the substance
Keep away from sources of ignition

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:

Wash hands and face when the work is finished

Change immediately contaminated clothes

Fulfill the commitments under local environmental protection legislation

9. Physical and chemical properties

Physical state: Solid

Colour: White

Odour: Odourless

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.

Hazardous decomposition products:

Phosphorus oxides.

11. Toxicological information

Acute toxicity:

No data available

12. Ecological information

No information available

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

UN: 3178
Class: 4.1
Packaging group: II
Correct technical name: FLAMMMABLE SOLID, TOXIC, INORGANIC, N.O.S.

Sea transport IMDG

UN: 3178
Class: 4.1/II
Packaging group: II
Correct technical name: FLAMMMABLE SOLID, TOXIC, INORGANIC, N.O.S.

Air transport ICAO-IATA-DGR

UN: 3178
Class: 4.1
Packaging group: II
Correct technical name: FLAMMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
CAO: 448
PAX: 445

15. Regulatory information

16. Other information

Full text of R phrases mentioned in sections 2 and 3

11 Highly flammable

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.