

## Safety Data sheet

According to Directive 1907/2006

### 3050 CALCIUM HYDROXIDE gmp

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Creation Date: 00/00/0000 Revision date: 31/05/2017

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

### Identification of the product

Catalogue No: 3050 Product name: CALCIUM HYDROXIDE gmp Use of the substance: Analysis and chemical-pharmaceutical production REACH registration Nr.: 01-2119475151-45-0000

### 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

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## 2. Hazards identification

Labelling in accordance with directive 1907/2006



### R-phrases

- 37 Irritating to respiratory system.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.

### S-phrases

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 37 Wear suitable gloves.
- 39 Wear eye/face protection.

Labelling in accordance with directive 1272/2008



**H-phrases**

318 Causes serious eye damage.  
315 Causes skin irritation.  
335 May cause respiratory 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.  
309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Signal word : DANGER

CORROSIVE

R-phrases:

Irritating to respiratory system.  
Irritating to skin.  
Risk of serious damage to eyes.

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### 3. Composition/information on ingredients

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

CAS-No.: 1305-62-0

Molecular Weight: 74,10

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

EC-No.: 215-137-3

R-phrases 37; 38; 41

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

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### 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)

Call the ophthalmologist

**After swallowing:**

Drink lots of water

Call the doctor

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### 5. Fire-fighting measures

**Suitable extinguishing media:**

Adapt the materials of the surroundings

**Special risks:**

Fireproof

**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.

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### 6. Accidental release measures

**Person-related precautionary measures:**

Avoid dust formation  
Do not inhale dust  
Avoid contact with the substance  
Ventilation in closed spaces

**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

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## 7. Handling and storage

Handling: Without other exigencies

**Storage:**

Well closed  
Dry place.  
Storage temperature: without limits  
Do not use light-weight-metal containers

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## 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  
Recommendable preventive protection of the skin  
Wash hands and face when the work is finished  
Fulfill the commitments under local environmental protection legislation

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## 9. Physical and chemical properties

Physical state: Solid  
Colour: White  
Odour: Odourless  
pH value: 12,6 (saturated solution)  
Solubility: 1,7 g/l (water)

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## 10. Stability and reactivity

**Substances to be avoided:**

Acids.  
Nitrogen organic compounds.  
Light metals.

Phosphorus.

Hydrogen sulfide.

**Hazardous decomposition products:**

Not available.

**Further information:**

Exothermic dissolution process with water.

Sensitive to moisture.

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## 11.Toxicological information

### Acute toxicity:

LD50 (rat): 3300 mg/kg.

**After eye contact:**

Irritation

Córnea disorder

Risk of blindness

**After skin contact:**

Burns

**After inhalation:**

Irritations of the mucous membranes

Coughing

**After swallowing:**

Irritations of gastrointestinal tract

**Further toxicological information:**

Other dangerous characteristics are not discarded

Non carcinogenic in animal experiments

The precautions adapted for chemical agents must be observed

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## 12.Ecological information

Fishes: *Gambusia affinis*: LC50: 160 mg/l/96h

**Other harmful effects:**

Harmful effect due to pH shift

Forms corrosive mixtures with water even if diluted

Neutralization possible in waste water treatment plants

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

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## 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

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## 14.Transport 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

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

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## 15.Regulatory information

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## 16.Other information

Full text of R phrases mentioned in sections 2 and 3

37 Irritating to respiratory system.

38 Irritating to skin.

41 Risk of serious damage 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.