



## Safety Data Sheet According to Regulation (EU) 830/2015

### 2400 Calcium Hydroxide, powder

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

##### 1.1 Product identifier

Name:

Calcium Hydroxide, powder

##### Synonym:

Slaked lime

**REACH Registration Number:** A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) N° 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

##### 1.2 Relevant identified uses of the substance or mixture:

For laboratory utilisation, analysis, research and fine chemistry.

##### 1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

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Tel. (+34) 937 489 400

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##### 1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

#### 2. Identification of dangers

##### 2.1 Classification of the substance or the mixture.

Skin Irrit. 2

## 2.2 Label elements:

### Hazard Pictograms



### Signal word

#### Hazard statements

H315 Causes skin irritation.

#### Precautionary statements

P264 Wash...thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection or face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

## 2.3 Other hazards:

No further relevant information available.

## 3. Composition/information on ingredients

### 3.1 Substances

Name: Calcium Hydroxide, powder

Formula:  $\text{Ca}(\text{OH})_2$  M.= 74,09 CAS [1305-62-0]

EC number (EINECS): 215-137-3

### 3.2 Mixtures

## 4. First aid measures

### 4.1 Description of first aid measures

Never provide drink or induce vomiting in the event of loss of consciousness.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Swallowing:

Drink large amounts of water. Induce vomiting. Call for medical help.

**Inhaling:**

Take the person out into the fresh air. In the event sickness persists, seek medical assistance.

**Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing.

**Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. Seek medical assistance.

**5. Firefighting measures****5.1 Extinguishing media:**

As appropriate to the environment.

**5.2 Special hazards arising from the substance or mixture:**

Incombustible. Do not allow extinguishing water into surface or underground water courses.

**5.3 Advice for firefighters:**

Suitable clothing and footwear.

**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Do not inhale the dust.

**6.2 Environmental precautions:**

Avoid pollution of the soil, water supplies and drains.

**6.3 Methods and material for containment and cleaning up:**

Collect up dry and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

**6.4 Reference to other sections**

Not applicable

**7. Handling and storage****7.1 Precautions for safe handling:**

No special indications.

**7.2 Conditions for safe storage, including any incompatibilities:**

Well sealed containers. Dry atmosphere.

**Recommended storage temperature:** Room temperature. Do not store in light-metal containers.

**7.3 Specific end use(s)**

No more relevant data available

**8. Exposure controls/personal protection****8.1 Control parameters:**

VLA-ED(Ca(OH)<sub>2</sub>): 5 mg/m<sup>3</sup>

## 8.2 Exposure controls

No special indications.

Respiratory protection:

If dust forms, use suitable respiratory protection. Filter P.

Hand protection:

Use suitable gloves neopren PVC nitrile latex

Eye/face protection:

Use safety glasses.

Individual hygiene measures:

Remove contaminated clothing. Use suitable work clothing. Wash hands and face before breaks and when the job is done.

Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance: solid

Colour: White

Granulometry: N/A

Odour: Odourless.

pH: ~12,1 - 12,5

Melting point/freezing point: N/A

Initial boiling point and boiling range:

N/A

Flash point:

N/A

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density: (20/4) 2,24 g/ml

Solubility: 1,7 g/l in water ( 20 °C )

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

Decomposition temperature: above 550 °C

Kinematic viscosity: N/A

Dynamic viscosity:

N/A

### 9.2 Other information

No more relevant data available

## 10. Stability and reactivity

### 10.1 Reactivity

No specific data.

## **10.2 Chemical stability:**

No specific data.

## **10.3 Possibility of hazardous reactions**

No specific data.

## **10.4 Conditions to avoid:**

The product is chemically stable under standar ambient conditions (room temperature).

## **10.5 Incompatible materials:**

Acids. Light metals

## **10.6 Hazardous decomposition products:**

No specific data.

# **11. Toxicological information**

## **11.1 Information on toxicological effects**

Acute toxicity:

LD50 oral rat : 7.340 mg/kg

Dangerous effects for health:

Through contact with the eyes: irritations The following cannot be ruled out: sight disorders Risk of blindness (irreversible injury of the optic nerve) If dust inhaled: Irritations to the mucosae Upon contact with the skin: irritations If swallowed: gastro-intestinal disorders

# **12. Environmental information**

## **12.1 Toxicity:**

### **- EC50 test (mg/l):**

Classification:

### **- Receptor medium:**

Risk for the water environment

Medium

Risk for the land environment

Low

### **- Observations:**

Ecotoxic data not available.

The ecotoxicity is due to the pH deviation.

## **12.2 Persistence and Degradability :**

### **- Test:**

### **- Biotic degradation classification:**

BOD5/COD

Biodegradability

### **- Abiotic degradation depending on pH:**

### **- Observations:**

## **12.3 Bioaccumulative potential:**

### **- Test:**

### **- Bioaccumulation:**

Risk

### **- Observations:**

## **12.4 Mobility in soil :**

Data not available.

## **12.5 Assessment PBT and MPMB :**

Data not available.

## **12.6 Other adverse effects:**

Hardly pollutant product.

## **13. Disposal considerations**

### **13.1 Waste treatment methods:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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Contaminated containers:

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

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## **14. Transport information**

### **14.1 UN number**

Not applicable

### **14.2 UN proper shipping name**

Not applicable

### **14.3 Transport hazard class(es)**

Not applicable

### **14.4 Packing group**

Not applicable

### **14.5 Environmental hazards**

Not applicable

### **14.6 Special precautions for user**

Not applicable

### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

## **15. Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Exemptions from the obligation to Register according to article 2 of Regulation (EC) No. 1907/2006 (REACH)

### **15.2 Chemical safety assessment**

Not applicable

## **16. Other information**

### **Other precautionary statements**

P362 Take off contaminated clothing and wash before reuse.

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In respect of the previous review, changes have been made to the following sections: 1,2,4,5,6,7,8,9,10,11,13,14,15

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.