



## 6323 Hydrogen Peroxide 30% w/w

### 1. Identification of the substance/preparation and of the company or firm

#### 1.1 Identification of the substance or preparation

Name:

Hydrogen Peroxide 30% w/w

#### Synonym:

Hydrogen Dioxide, Hydroperoxide

**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 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

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

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

#### 1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

## 2. Identification of dangers

Classification of the substance or the mixture.

**Classification Regulation (CE) n° 1272/2008.**

Acute Tox. 4

Eye Dam. 1

### Hazard Pictograms



**Signal word**

Danger

**Hazard statements**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

**Precautionary statements**

P264 Wash...thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

**Classification (67/548/CEE or 1999/45/CE).**

Xn Harmful

R41

R22

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

**3. Component Composition/Information**

Name: Hydrogen Peroxide 30% w/w

Formula: H<sub>2</sub>O<sub>2</sub> M.= 34,01 CAS [7722-84-1]

EC number (EINECS): 231-765-0

EC index number: 008-003-00-9

**4. First aid****4.1 General indications:**

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

**4.2 Inhaling:**

Take the person out into the fresh air.

**4.3 Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing.

**4.4 Eyes:**

Wash with plenty of water, keeping eyelids open.

**4.5 Swallowing:**

In the event of sickness, seek medical assistance.

**5. Fire-fighting means****5.1 Suitable fire-extinguishing means:**

As appropriate to the environment.

## **5.2 Fire-fighting means which must NOT be used:**

No specific data.

## **5.3 Special risks:**

No specific data.

## **5.4 Protective equipment:**

Suitable clothing and footwear.

## **6. Measures to be taken in the event of accidental spillage**

### **6.1 Individual precautions:**

No special indications.

### **6.2 Precautions for care of the environment:**

Avoid pollution of the soil, water supplies and drains.

### **6.3 Methods for collection/cleaning:**

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

## **7. Handling and storage**

### **7.1 Handling:**

No special indications.

### **7.2 Storage:**

Well sealed containers.Dry atmosphere.Away from light.

## **8. Staff exposure/protection controls**

### **8.1 Technical protective measures:**

No special indications.

### **8.2 Exposure limit control:**

VLA-ED: 1,4 mg/m<sup>3</sup>

### **8.3 Respiratory protection:**

If dust forms, use suitable respiratory protection.

### **8.4 Hand protection:**

Use suitable gloves

### **8.5 Eye protection:**

Use suitable goggles.

### **8.6 Individual hygiene measures:**

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

### **8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

## **9. Physical and chemical properties**

Appearance: liquid

Colour: Colourless  
Granulometry: N/A  
Odour: N/A  
pH:  
N/A  
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) 1,11  
Solubility: Miscible with water  
Partition coefficient: n-octanol/water:  
N/A  
Auto-ignition temperature:  
N/A  
Decomposition temperature: N/A  
Viscosity: N/A

## **10. Stability and reactivity**

### **10.1 Conditions which should be avoided:**

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

### **10.2 Matter which should be avoided:**

No specific data.

### **10.3 Hazardous decomposition products:**

No specific data.

### **10.4 Complementary information:**

No specific data.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD L0 oral hmn : 1.429 mg/kg

### **11.2 Dangerous effects for health:**

Take the usual precautions for handling chemical products.

## **12. Environmental information**

### **12.1 Toxicity:**

Ecotoxic data not available.

### **12.2 Persistence and Degradability :**

Data not available.

### **12.3 Bioaccumulative potential:**

Data not available.

### **12.4 Mobility in soil :**

Data not available.

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

Data not available.

### **12.6 Other possible effects on the environment:**

Data not available.

## **13. Considerations regarding elimination**

### **13.1 Substance or preparation:**

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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### **13.2 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. Information concerning transport**

Overland (ADR):

Technical name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)

UN 2014 Class: 5.1 8 Packaging group: II (E)

By sea (IMDG):

Technical name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)

UN 2014 Class: 5.1 8 Packaging group: II

By air (ICAI-IATA):

Technical name: Hydrogen peroxide, aqueous solution

UN 2014 Class: 5.1 8 Packaging group: II

Packaging instructions: CAO 554 PAX 550

## **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **16. Other information**

