



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

2357 Benzoyl Peroxide *humidified with~ 25% of H2O

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

1.1 Product identifier

Name:

Benzoyl Peroxide *humidified with~ 25% of H2O

Synonym:

Benzoyl Superoxide, Dibenzoyl Peroxide

REACH Registration Number: 01-2119511472-50-XXXX

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

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: product.safety@panreac.com

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.

Expl. 1.1

Eye Irrit. 2

Skin Sens. 1

2.2 Label elements:

Hazard Pictograms



Signal word

Hazard statements

H242 Heating may cause a fire.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P220 Keep/Store away from clothing/combustible materials.

P234 Keep only in original container.

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

P370+P378 **In case of fire: Use for extinction: CO₂, powder or water spray.**

P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards:

No further relevant information available.

3. Composition/information on ingredients

3.1 Substances

Name: Benzoyl Peroxide *humidified with~ 25% of H₂O

Formula: (C₆H₅CO)₂O₂ M.= 242,23 CAS [94-36-0]

EC number (EINECS): 202-327-6

EC index number: 617-008-00-0

REACH Registration Number: 01-2119511472-50-XXXX

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.

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:

Water.

5.2 Special hazards arising from the substance or mixture:

Combustible. Keep away from sources of ignition. Encourages fire to break out. Keep away from combustible substances. Risk of explosion in the event of shock or friction. Risk of explosion in the event of decomposition. In the event of fire, toxic fumes may form.

5.3 Advice for firefighters:

Suitable clothing and footwear.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with the skin, eyes or clothing.

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. In well ventilated premises.

Recommended storage temperature: Room temperature. Away from sources of ignition and heat. Store separately or in an enclosure exclusively set aside for substances which are likely to ignite.

7.3 Specific end use(s)

No more relevant data available

8. Exposure controls/personal protection

8.1 Control parameters:

VLA-ED: 5 mg/m³

8.2 Exposure controls

No special indications.

Respiratory protection:

If dust forms, use suitable respiratory protection. Filter B. Filter P3.

Hand protection:

Use suitable gloves

Eye/face protection:

Use safety glasses.

Individual hygiene measures:

Remove contaminated clothing. Wash hands and face before breaks and when the job is done. Use complete protective equipment.

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: Characteristic.

pH:

N/A

Melting point/freezing point: 105 °C

Initial boiling point and boiling range:

N/A

Flash point: 80 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density: 0,53 g/ml

Solubility: in () Very slightly soluble in water.

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

Decomposition temperature: N/A

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:

Sensitive to knocks. May explode if subjected to shock.

10.3 Possibility of hazardous reactions

No specific data.

10.4 Conditions to avoid:

High temperatures. Risk of explosion in the event of decomposition.

10.5 Incompatible materials:

Alcohols. Amines. Reducing agents. Acids. Polymerization initiators. Alkaline solutions.

10.6 Hazardous decomposition products:

No specific data.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD50 oral rat : 7.710 mg/kg

LD50 ipr mus : 250 mg/kg

Dangerous effects for health:

Upon contact with the skin: irritations Through contact with the eyes: irritations If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. May cause: sensitization allergic reaction Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12. Environmental information

12.1 Toxicity:

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

- **Receptor medium:**

Risk for the water environment

Risk for the land environment

- **Observations:**

Ecotoxic data not available.

12.2 Persistence and Degradability :

- **Test:**

- **Biotic degradation classification:**

BOD5/COD

Biodegradability

- **Abiotic degradation depending on pH:**

- **Observations:**

Data not available.

12.3 Bioaccumulative potential:

- **Test:**

- **Bioaccumulation:**

Risk

- **Observations:**

Data not available.

12.4 Mobility in soil :

Data not available.

12.5 Assessment PBT and MPMB :

Data not available.

12.6 Other adverse effects:

Do not allow it to enter soils or water channels.

Product hardly pollutant for water.

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

UN3104

14.2 UN proper shipping name

ORGANIC PEROXIDE TYPE C, SOLID

14.3 Transport hazard class(es)

5.2

14.4 Packing group

ADR/IMDG: -

IATA: -

14.5 Environmental hazards**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**

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

15.2 Chemical safety assessment

Not applicable

16. Other information

Other precautionary statements

P411 Store at temperatures not exceeding °C/ °F.

P420 Store away from other materials.

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

P261 Avoid breathing dust, fume, gas, mist, vapours or spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

P264 Wash...thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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In respect of the previous review, changes have been made to the following sections: 2

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.