

Safety Data Sheet  
According to Regulation (EC) 1907/2006



## 3396 Sodium Peroxodisulphate

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

#### 1.1 Identification of the substance or preparation

Name:

Sodium Peroxodisulphate

#### Synonym:

Sodium Peroxydisulphate, Sodium Persulphate

**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.**

Ox. Sol. 3

Acute Tox. 4

Resp. Sens 1

Skin Sens. 1

#### Hazard Pictograms



**Signal word**

Danger

**Hazard statements**

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

**Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P220 Keep/Store away from clothing/combustible materials.

P221 Take any precaution to avoid mixing with combustibles.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash...thoroughly after handling.

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

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

**Xn** Harmful

**O** Oxidizing

R42/43

R22

R8

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

**3. Component Composition/Information**

Name: Sodium Peroxodisulphate

Formula: Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> M.= 238,09 CAS [7775-27-1]

EC number (EINECS): 231-892-1

**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. Seek medical assistance.

**4.5 Swallowing:**

Drink large amounts of water. Induce vomiting. 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:**

Encourages fire to break out. Keep away from combustible substances.

**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:**

Do not allow it to enter the drainage system. 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:**

Keep away from flammable substances, sources of ignition and heat.

**8. Staff exposure/protection controls****8.1 Technical protective measures:**

No special indications.

**8.2 Exposure limit control:**

VLA-ED: 0,1 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: solid  
Colour: White  
Granulometry: N/A  
Odour: Odourless.  
pH: 3 (556 g/l)  
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:  
N/A  
Solubility: 556 g/l in water 20 °C  
Partition coefficient: n-octanol/water:  
N/A  
Auto-ignition temperature:  
N/A  
Decomposition temperature: above 200 °C  
Viscosity: N/A

## **10. Stability and reactivity**

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

High temperatures.

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

Alcohols. Flammable substances.

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

Sulphur oxides.

### **10.4 Complementary information:**

Risk of explosion of dust.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD50 oral rat : 1.000 mg/kg

LD50 ipr mus : 226 mg/kg

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

If dust inhaled: Irritations to the respiratory tracts. Can cause sensitization Upon contact with the skin: irritations Causes sensitization allergic reaction Through contact with the eyes: irritations If swallowed: Harmful to the health. Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## **12. Environmental information**

**12.1 Toxicity:**

12.1.1 - EC50 test (mg/l):

12.1.2. - Receptor medium:

Risk for the water environment

Risk for the land environment

12.1.3. - Observations:

Ecotoxic data not available.

**12.2 Persistence and Degradability :**

12.2.1 - Test:

12.2.2. - Biotic degradation classification:

BOD5/COD

Biodegradability

12.2.3. - Abiotic degradation depending on pH:

12.2.4. - Observations:

Data not available.

**12.3 Bioaccumulative potential:**

12.3.1. - Test:

12.3.2. - Bioaccumulation:

Risk

12.3.3. - Observations:

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:**

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

Do not allow it to enter soils or water channels.

**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: SODIUM PERSULPHATE  
UN 1505 Class: 5.1 Packaging group: III (E)  
By sea (IMDG):  
Technical name: SODIUM PERSULPHATE  
UN 1505 Class: 5.1 Packaging group: III  
By air (ICAO-IATA):  
Technical name: Sodium persulphate  
UN 1505 Class: 5.1 Packaging group: III  
Packaging instructions: CAO 563 PAX 559

## 15. Regulatory information

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

## 16. Other information

### Other precautionary statements

P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P285 In case of inadequate ventilation wear respiratory protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P321 Specific treatment (see on this label).  
P330 Rinse mouth.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use for extinction.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

### Labelling (65/548/CEE or 1999/45/CE)

R-phrases(s):	<b>R42/43</b> May cause sensitisation by inhalation and skin contact. <b>R22</b> Harmful if swallowed. <b>R8</b> Contact with combustible material may cause fire.
S-phrases(s):	<b>S43a</b> In case of fire, use water. <b>S26</b> In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. <b>S17</b> Keep away from combustible material.

Review number and date: 3 3.11.10

Date published: 3.11.10

In respect of the previous review, changes have been made to the following sections: 2, 3, 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.