



Safety Data Sheet

According to Regulation (EC) 1907/2006



1164 Sulphur sublimated

Identification of the substance/preparation and of the company or firm

1.1 Identification of the substance or preparation

Name:

Sulphur sublimated

Synonym:

Flowers of sulphur

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

1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

Identification of dangers

Classification of the substance or the mixture.

Classification Regulation (CE) n° 1272/2008.

Skin Irrit. 2

Hazard Pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

Precautionary statements

P264 Wash...thoroughly after handling.

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

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

Xi IrritantR38

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

Component Composition/Information

Name: Sulphur sublimated

Formula: S M.= 32,06 CAS [7704-34-9]

EC number (EINECS): 231-722-6

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. In the event sickness persists, seek medical assistance.

4.3 Contact with the skin:

Wash with plenty of water. Remove contaminated clothing.

4.4 Eyes:

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

4.5 Swallowing:

Drink large amounts of water. Induce vomiting. Seek medical assistance. Laxatives: sodium sulphate (1 soup-spoonful in 250 ml of water).

Fire-fighting means

5.1 Suitable fire-extinguishing means:

Water. Carbon dioxide (CO₂). Foam. Dry powder.

5.2 Fire-fighting means which must NOT be used:

No specific data.

5.3 Special risks:

Flammable. Keep away from sources of ignition. In the event of fire, toxic fumes may form: SO_x, H₂S. May form explosive mixtures with the air.

5.4 Protective equipment:

Suitable clothing and footwear. Self-contained breathing equipment.

Measures to be taken in the event of accidental spillage

6.1 Individual precautions:

Do not inhale the dust.

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.

Handling and storage

7.1 Handling:

No special indications.

7.2 Storage:

Well sealed containers. Dry atmosphere. Keep away from flammable substances, sources of ignition and heat.

Staff exposure/protection controls

8.1 Technical protective measures:

Ensure good ventilation and renewal of the air in the premises.

8.2 Exposure limit control:

: Data not available.

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:

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

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation. Fulfill the commitments under local environmental protection legislation.

Physical and chemical properties

Appearance: solid

Colour: Yellow

Granulometry: N/A

Odour: N/A

pH:

N/A

Melting point/freezing point: 118 °C

Initial boiling point and boiling range: 444 °C

Flash point: ~ 170 °C

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: in Insoluble in water
Partition coefficient: n-octanol/water: N/A
Auto-ignition temperature: 235 °C
Decomposition temperature: N/A
Viscosity: N/A

Stability and reactivity

10.1 Conditions which should be avoided:

Adjacent sources of heat. The product is chemically stable under standar ambient conditions (room temperature).

10.2 Matter which should be avoided:

Acetylides. Mineral acids. Oxidant agents. Carbon disulphide. Carbides. Chlorates. Silicon compounds. Ethers. Fluorine. Halogen halides. Hydrides. Lithium silicide. Metals. Alkaline metals. Alkali-earth metals. Nitrates. Nitrites. Nitrogen organic compounds. Nitrides. Non-metals. Metal oxides. Non-metal oxides. Perchlorates. Peroxides. Sulphides.

10.3 Hazardous decomposition products:

Sulphur dioxide.

10.4 Complementary information:

Risk of explosion of dust. Heat sensitive.

Toxicological information

- **Acute toxicity:**

LD L0 oral rbt : 175 mg/kg

- **Dangerous effects for health:**

If dust inhaled: Can cause breathing difficulties If swallowed: intestinal disorders Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

Environmental information

12.1 Toxicity:

Ecotoxic data not available.

Fungicide effect.

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:

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

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.

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.

Information concerning transport

Overland (ADR):

Technical name: SULPHUR

UN 1350 Class: 4.1 Packaging group: III (E)

By sea (IMDG):
Technical name: SULPHUR
UN 1350 Class: 4.1 Packaging group: III

By air (ICAI-IATA):
Technical name: Sulphur
UN 1350 Class: 4.1 Packaging group: III

Packaging instructions: CAO 448 PAX 446

Regulatory information

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

Other information

Other precautionary statements

P362 Take off contaminated clothing and wash before reuse.

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

R-phrases: **R38** Irritating to skin.

S-phrases: **S46** If swallowed, seek medical advice immediately and show this container or label.

Review number and date: 4 15.09.2011

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