



Safety Data Sheet

According to Regulation (EC) 1907/2006



5466 Cadmium *metal, sticks

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

1.1 Identification of the substance or preparation

Name:

Cadmium *metal, sticks

1.2 Synonym:

1.3 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

1.4 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

Emergencies:

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.

Carc. 1B

Acute Tox. 2

STOT RE 1

Repr. 2

Muta. 2

Aquatic Acute 1

Aquatic Chronic 1

Hazard Pictograms



Signal word

Danger

Hazard statements

H350 May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H330 Fatal if inhaled.

H372 Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H341 Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash...thoroughly after handling.

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

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

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

R62
RE48/23/25
RE26
R45
R63
RE68
R50/53

N Dangerous for the environment

T+ Very toxic

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

Component Composition/Information

Name: Cadmium *metal, sticks

Formula: Cd M.= 112,40 CAS [7440-43-9]

EC number (EINECS): 231-152-8

First aid

4.1 General indications:

4.2 Inhaling:

4.3 Contact with the skin:

4.4 Eyes:

4.5 Swallowing:

Fire-fighting means

5.1 Suitable fire-extinguishing means:

5.2 Fire-fighting means which must NOT be used:

5.3 Special risks:

5.4 Protective equipment:

Measures to be taken in the event of accidental spillage

6.1 Individual precautions:

6.2 Precautions for care of the environment:

6.3 Methods for collection/cleaning:

Handling and storage

7.1 Handling:

7.2 Storage:

Staff exposure/protection controls

8.1 Technical protective measures:

8.2 Exposure limit control:

VLA-ED(inh.): 0,01 mg/m³

8.3 Respiratory protection:

8.4 Hand protection:

8.5 Eye protection:

8.6 Individual hygiene measures:

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

Physical and chemical properties

Appearance: solid

Colour:

Granulometry:

Odour:

pH:

Melting point/freezing point: 320,9 °C

Initial boiling point and boiling range: 765 °C

Flash point:

Flammability (solid, gas):

Upper/lower flammability or explosive limits:

Vapour pressure:

Vapour density:

Relative density: 8,64

Solubility: Insoluble in water

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Stability and reactivity

10.1 Conditions which should be avoided:

10.2 Matter which should be avoided:

10.3 Hazardous decomposition products:

10.4 Complementary information:

Toxicological information

- Acute toxicity:

LD L0 oral rbt : 70 mg/kg

LD50 oral rat : 225 mg/kg

LC L0 inh hmn : 39 mg/m³ 20 min

LC50 inh rat : 25 mg/m³ 30 min

- Dangerous effects for health:

Environmental information

12.1 Mobility:

12.2 Ecotoxicity:

12.3 Degradability:

12.4 Accumulation:

12.5 Other possible effects on the environment:

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):

By sea (IMDG):

By air (ICAI-IATA):

Regulatory information

The substance is subject to Regulation (EC) No 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals.

Other information

Other precautionary statements

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P281 Use personal protective equipment as required.

P284 Wear respiratory protection.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor/physician.

P314 Get medical advice/attention if you feel unwell.

P320 Specific treatment is urgent (see on this label).

P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

R-phrase(s):	<p>R62 Possible risk of impaired fertility.</p> <p>RE48/23/25 Also toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.</p> <p>RE26 Also very toxic by inhalation.</p> <p>R45 May cause cancer.</p> <p>R63 Possible risk of harm to the unborn child.</p> <p>RE68 Also possible risks of irreversible effects.</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
S-phrase(s):	<p>S61 Avoid release to the environment. Refer to special instructions/safety data sheets.</p> <p>S60 This material and its container must be disposed of as hazardous waste.</p> <p>S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p> <p>S53 Avoid exposure - obtain special instructions before use.</p>

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.

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

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