

CLASSIFICATION AND LABELLING

Classification and labelling according to CLP / GHS

Name: cadmium (non-pyrophoric)

Implementation: EU

- [Type: harmonized](#)

State/form of the substance: powder

Remarks: cadmium is usually manufactured as massive solid; small quantities produced as non-pyrophoric powder

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physico-chemical properties

Classification and labelling according to CLP / GHS for health hazards

Endpoint	Hazard category	Hazard statement
Acute toxicity - inhalation:	Acute Tox. 2	H330: Fatal if inhaled.
Reproductive Toxicity:	Repr. 2	H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
Germ cell mutagenicity:	Muta. 2	H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Carcinogenicity:	Carc. 1B	H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Specific target organ toxicity - repeated:	STOT Rep. Exp. 1 Affected organs: kidney, lung, bone Route of exposure: Inhalation, Oral	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>.

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment	Aquatic	H410: Very toxic to aquatic life with

(long-term):	Chronic 1	long lasting effects.
--------------	-----------	-----------------------

Labelling

Signal word: Danger

Hazard pictogram:

GHS06: skull and crossbones

GHS08: health hazard

GHS09: environment

Hazard statements:

H350: May cause cancer

H341: Suspected of causing genetic defects

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

H330: Fatal if inhaled.

H372: Causes damage to lung, kidney, bone through prolonged or repeated oral and inhalation exposure.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements:

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

P273: Avoid release to the environment.

P391: Collect spillage.

P281: Use personal protective equipment as required.

P405: Store locked up.

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

P501: Dispose of contents/container to... (According to local/national waste legislation)

- [Type: self-classification](#)

State/form of the substance: powder

Remarks: cadmium is usually manufactured as massive solid; small quantities produced as non-pyrophoric powder

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physico-chemical properties

Classification and labelling according to CLP / GHS for health hazards

Endpoint	Hazard category	Hazard statement
Acute toxicity - inhalation:	Acute Tox. 2	H330: Fatal if inhaled.
Eye irritation:	Eye damage 1	H318: Causes serious eye damage
Reproductive Toxicity:	Repr. 1B	H360FD: May damage fertility. May damage the unborn child.
Germ cell	Muta. 1B	H340: May cause genetic defects <state route of

Endpoint	Hazard category	Hazard statement
mutagenicity:		exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Carcinogenicity:	Carc. 1B	H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Specific target organ toxicity - repeated:	STOT Rep. Exp. 1 Affected organs: kidney, lung, bone Route of exposure: Inhalation, Oral	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>.

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 1	H410: Very toxic to aquatic life with long lasting effects.
M-Factor acute: 100		
M-Factor chronic: 10		

Labelling

Signal word: Danger

Hazard pictogram:

GHS05: corrosion

GHS06: skull and crossbones

GHS08: health hazard

GHS09: environment

Hazard statements:

H318: Causes serious eye damage.

H330: Fatal if inhaled.

H340: May cause genetic defects

H350: May cause cancer

H360FD: May damage fertility. May damage the unborn child.

H372: Causes damage to lung, kidney, bone through prolonged or repeated oral and inhalation exposure.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P310: Immediately call a POISON CENTER/doctor/...

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

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

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

P273: Avoid release to the environment.

P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents/container to... (According to local/national waste legislation)

- [Type: self-classification](#)

Name: cadmium (massive)

Implementation: EU

State/form of the substance: solid

Classification

The substance is classified as follows:

Classification and labelling according to CLP / GHS for physicochemical properties

Not classified for physico-chemical properties

Classification and labelling according to CLP / GHS for health hazards

Not classified for health hazards

Classification and labelling according to CLP / GHS for environmental hazards

Endpoint	Hazard category	Hazard statement
Hazards to the aquatic environment (acute/short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.
Hazards to the aquatic environment (long-term):	Aquatic Chronic 1	H410: Very toxic to aquatic life with long lasting effects.
M-Factor acute: 100		
M-Factor chronic: 10		

Labelling

Signal word: Warning

Hazard pictogram:

GHS09: environment

Hazard statements:

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273: Avoid release to the environment.
P391: Collect spillage.
P501: Dispose of contents/container to...