

# CLASSIFICATION AND LABELLING

## 1. Classification and labelling according to CLP / GHS

Name: Cadmium chloride

- Type: [harmonized classification](#)

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:

Cd Cl<sub>2</sub> is not classified for physicochemical properties

### Classification and labelling according to CLP / GHS for health hazards:

| Endpoint                                   | Hazard category  | Hazard statement  |
|--|--|---|
| Acute toxicity - oral:                     | Acute Tox. 3   | H301: Toxic if swallowed.   |
| Acute toxicity - inhalation:               | Acute Tox. 2   | H330: Fatal if inhaled.   |
| Reproductive Toxicity:                     | Repr. 1B   | H360FD : May damage fertility. May damage the unborn child.   |
| Germ cell mutagenicity:                    | Muta. 1B   | H340: May cause 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<br>Affected organs: kidney, lung, bone<br>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>. |

\*) Justification for (non) classification can be found in the CSR section indicated

Specific concentration limits:

| Concentration (%) | Classification   |
|-------------------|------------------|
| >= 7.0            | STOT Rep. Exp. 1 |
| >= 0.1 — < 7.0    | STOT Rep. Exp. 2 |
| >= 0.01           | Carc. 1B         |

### 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. |

### Labelling

Signal word: Danger

#### Hazard pictogram:

GHS06: skull and crossbones

GHS08: health hazard

GHS09: environment

#### Hazard statements:

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

H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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

H330: Fatal if inhaled.

H301: Toxic if swallowed.

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>.

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

#### Precautionary statements:

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

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

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](#)

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:**

Cd Cl2 is not classified for physicochemical properties

#### **Classification and labelling according to CLP / GHS for health hazards:**

| Endpoint                     | Hazard category | Hazard statement            |
|------------------------------|-----------------|-----------------------------|
| Acute toxicity - oral:       | Acute Tox. 4    | H302: Harmful if swallowed. |
| Acute toxicity - inhalation: | Acute Tox. 2    | H330: Fatal if inhaled.     |

|  |  |   |
|--|--|---|
| Irritation/corrosion                       | Eye irritant 2   | H319: Causes serious eye irritation   |
| Reproductive Toxicity:                     | Repr. 1B   | H360FD: May damage fertility. May damage the unborn child.  |
| Germ cell mutagenicity:                    | Muta. 1B   | H340: May cause 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<br>Affected organs: kidney, lung, bone<br>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>. |

\*) Justification for (non) classification can be found in the CSR section indicated

#### Specific concentration limits:

| Concentration (%) | Classification   |
|-------------------|------------------|
| >= 7.0            | STOT Rep. Exp. 1 |
| >= 0.1 — < 7.0    | STOT Rep. Exp. 2 |
| >= 0.01           | Carc. 1B         |

#### 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:

GHS06: skull and crossbones

GHS08: health hazard

GHS09: environment

#### Hazard statements:

H302: Harmful if swallowed.

H319: Causes serious eye irritation

H330: Fatal if inhaled.

H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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

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

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>.

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

Precautionary statements:

P273: Avoid release to the environment.

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

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

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

P391: Collect spillage.

P405: Store locked up.

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