

## Identification

Cd  
M = 112,40 g/mol  
CAS [7440-43-9]  
EC number: 231-152-8  
Taric code: 8107 20 00

## Applications

analytical chemistry, laboratory reagent, electrolyte for batteries.

## Specifications

assay (complexometric).....	min. 99 %	lead (Pb).....	max. 0,05%
copper (Cu).....	max. 0,01%	nickel (Ni).....	max. 0,05%
iron (Fe).....	max. 0,005%	tin (Sn).....	max. 0,05%
		zinc (Zn).....	max. 0,005%

## Physical data

- Appearance: irregular pieces, greyish, up to 1 cm
- Spec. Density: 8,64 g/cm<sup>3</sup>
- Solub. in water: (20 °C): insoluble
- Melting point: 321 °C
- Boiling point: 767 °C
- Vapour pressure: (394 °C) 1,3 hPa

## Safety - GHS

Signal Word: Danger

### Hazard Statements:

- H330: Fatal if inhaled.
- H350: May cause cancer.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H341: Suspected of causing genetic defects.
- H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.



### Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P284: Wear respiratory protection.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P320: Specific treatment is urgent (see on this label).
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 6.1 T5 I • UN 3288 • TOXIC SOLID, INORGANIC, N.O.S.(Cadmium)
- IMDG: 6.1 I • UN 3288 • TOXIC SOLID, INORGANIC, N.O.S. (Cadmium)
- IATA/ICAO: 6.1 I • UN 3288 • TOXIC SOLID, INORGANIC, N.O.S. (Cadmium)
- PAX: 619
- CAO: 619