

Identification

CdO
M = 128,40 g/mol
CAS [1306-19-0]
EC number: 215-146-2
Taric code: 2825 90 60

Applications

synthesis of organic products, electrolyte for batteries, laboratory reagent.

Specifications

assay (complexometric).....	min. 99 %	nickel (Ni).....	max. 0,005 %
chlorides (Cl).....	max. 0,002 %	lead (Pb).....	max. 0,005 %
sulfates (SO ₄).....	max. 0,01 %	zinc (Zn).....	max. 0,005 %
copper (Cu).....	max. 0,001 %	grain size (D50)	0,5 - 1,5 mm
iron (Fe).....	max. 0,001 %	spec. surface (BET)	2 - 4 m ² /g

Physical data

- Spec. Density: 6,95 g/cm³
- Bulk density: ~ 400 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: < 1426 °C
- Boiling point: 1559 °C

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 III • UN 2570 • CADMIUM COMPOUND(Cadmium oxide)
- IMDG: 6.1 III • UN 2570 • CADMIUM COMPOUND(Cadmium oxide)
- IATA/ICAO: 6.1 III • UN 2570 • CADMIUM COMPOUND(Cadmium oxide)
- PAX: 619
- CAO: 619
- 10°C - 30°C