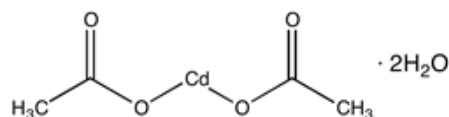


Identification

$\text{Cd}(\text{CH}_3\text{COO})_2 \cdot 2\text{H}_2\text{O}$
 M = 266,52 g/mol
 CAS [5743-04-4]
 EC number: 208-853-2
 Taric code: 2915 29 00


Synonyms

Acetic acid cadmium salt

Applications

analytical chemistry, laboratory reagent, for the detection of: sulfur, selenium, tellurium.

Specifications

assay (complexometric).....	min. 99 %	calcium (Ca).....	max. 0,005 %
insoluble in water.....	max. 0,005 %	copper (Cu).....	max. 5 ppm
chlorides (Cl).....	max. 0,001 %	iron (Fe).....	max. 5 ppm
nitrates (NO ₃).....	max. 0,002 %	lead (Pb).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,005 %	potassium (K).....	max. 0,005 %
sulfides (S).....	max. 0,002 %	sodium (Na).....	max. 0,002 %
aluminium (Al).....	max. 0,005 %	zinc (Zn).....	max. 0,002 %
		non precipitable with H ₂ S (as SO ₄).....	max. 0,1 %

Physical data

- Spec. Density: 2,01 g/cm³
- Bulk density: ~ 1200 kg/m³
- Solub. in water: (20 °C): freely soluble
- Melting point: 256 °C (anhydrous substance)
- pH(50 g/l H₂O, 20 °C) ~ 7
- Hygroscopic

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.
 H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H332: Harmful if inhaled.


Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
 P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P321: Specific treatment (see on this label).
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 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 acetate dihydrate)
- IMDG: 6.1 III • UN 2570 • CADMIUM COMPOUND(Cadmium acetate dihydrate)
- IATA/ICAO: 6.1 III • UN 2570 • CADMIUM COMPOUND(Cadmium acetate dihydrate)
- PAX: 619
- CAO: 619
- 10°C - 30°C