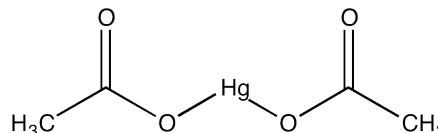


Mercury(II) acetate, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Identification

Hg(CH₃COO)₂
M = 318,68 g/mol
CAS [1600-27-7]
EC number: 216-491-1

Taric code: 2852 10 00



Synonyms

Acetic acid mercury(II) salt, Mercuric salts

Applications

for mercuration of organic compounds.

Specifications

assay (complexometric)..... min. 98,0 %
identity (IR-spectrum)..... passes test
insoluble matter..... max. 0,01 %
chlorides (Cl)..... max. 0,005 %
nitrates (NO₃)..... max. 0,005 %

sulfates (SO₄)..... max. 0,005 %
other heavy metals (as Pb)..... max. 0,002 %
iron (Fe)..... max. 0,001 %
mercury (I) (as Hg)..... max. 0,3 %
residue after reduction..... max. 0,02 %

Physical data

- Spec. Density: 3,27 g/cm³
- Bulk density: ~ 1000 kg/m³
- Solub. in water: (20 °C): 400 g/l
- Melting point: 178 - 180 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H300: Fatal if swallowed.
H310: Fatal in contact with skin.
H330: Fatal if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.
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 II • UN 1629 • MERCURY ACETATE
- IMDG: 6.1 II • UN 1629 • MERCURY ACETATE
- IATA/ICAO: 6.1 II • UN 1629 • MERCURY ACETATE
- PAX: 613
- CAO: 615
- 10°C - 30°C