

Identification

Hg
M = 200,59 g/mol
CAS [7439-97-6]
EC number: 231-106-7
Taric code: 2805 40 90

Applications

in thermometers, catalyst (synthesis of organic products), inorganic salts, amalgams, for pharmaceuticals synthesizing, for electroanalysis.

Specifications

assay.....min. 99,6 %	heavy metals (as Pb)..... max. 5 ppm
insoluble in HNO ₃ max. 0,002 %	iron (Fe)..... max. 5 ppm
	loss on drying max. 0,003 %

Physical data

- Density: 13,55 g/cm³
- Solub. in water: (25 °C): 0,0036 mg/l
- Melting point: -39 °C
- Boiling point: 357 °C
- Vapour pressure: (20 °C) 0,0017 hPa
- pH~ 7

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H330: Fatal if inhaled.
H360D: May damage the unborn child.
H372: Causes 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.
P310: 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: 8 CT1 III • UN 2809 • MERCURY
- IMDG: 8 III • UN 2809 • MERCURY
- IATA/ICAO: 8 III • UN 2809 • MERCURY
- PAX: 868
- CAO: 868
- 10°C - 30°C