

**Mercury(II) nitrate monohydrate, for analysis, ExpertQ®, Reag. Ph
Eur****Identification**

Hg(NO₃)₂·H₂O
M = 342,62 g/mol
CAS [7783-34-8]
EC number: 233-152-3
Taric code: 2852 10 00

Synonyms

Mercuric nitrate, Mercury pernitrate

Applications

analytical chemistry, laboratory reagent, in pesticide compositions.

Specifications

assay (complexometric).....	min. 99 %	iron (Fe).....	max. 0,001 %
chlorides (Cl).....	max. 0,002 %	potassium (K).....	max. 0,005 %
sulfates (SO ₄).....	max. 0,002 %	sodium (Na).....	max. 0,005 %
copper (Cu).....	max. 5 ppm	residue after reduction.....	max. 0,01 %

Physical data

- Spec. Density: 4,39 g/cm³
- Bulk density: ~ 1200 kg/m³
- Solub. in water: (20 °C): hydrolysis reaction
- Melting point: 79 °C (anhydrous substance)

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 1625 • MERCURIC NITRATE
- IMDG: 6.1 II • UN 1625 • MERCURIC NITRATE
- IATA/ICAO: 6.1 II • UN 1625 • MERCURIC NITRATE
- PAX: 613
- CAO: 615
- 10°C - 30°C