

Identification

HgO
M = 216,59 g/mol
CAS [21908-53-2]
EC number: 244-654-7
Taric code: 2852 10 00

Specifications

assay (complexometric).....	min. 99 %	chlorides (Cl).....	max. 0,05 %
identification.....	passes test	nitrates (NO ₃).....	passes test
appearance of solution.....	passes test	mercury (II) oxide , yellow.....	passes test
insoluble in HCl	max. 0,05 %	Residue after reduction	
acidic or alkaline substances.....	passes test	(calcination residue, as sulfate).....	max. 0,05 %
		loss on drying (105 °C).....	max. 0,5 %

Physical data

- Spec. Density: 11,1 g/cm³
- Bulk density: ~ 3000 kg/m³
- Solub. in water: (25 °C): 0,052 g/l
- Melting point: > 400 °C (decomposes)
- Vapour pressure: (20 °C) 0,0012 hPa
- pH(50 g/l H₂O, 20 °C) 6 - 7

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 1641 • MERCURY OXIDE
- IMDG: 6.1 II • UN 1641 • MERCURY OXIDE
- IATA/ICAO: 6.1 II • UN 1641 • MERCURY OXIDE
- PAX: 613
- CAO: 615
- 10°C - 30°C