



**PRODUCT CODE: 131419**

**Mercury(II) Chloride for analysis, ACS**

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Cl<sub>2</sub>Hg  
HgCl<sub>2</sub>

M.= 271,50

CAS [7487-94-7]

EINECS 231-299-8

TARIC 2852 10 00 00

**SYNONYMS:** Mercury Bichloride

**PHYSICAL DATA:** crystalline powder, White, Soluble in water 74 g/l at 20 °C D 5,4 • M.P.: 277 °C • B.P.: 302 °C • pH(50 g/l)3 • Vap. press. (23 °C) 0,001 hPa •

**BIBLIOGRAPHY:** Merck Index **12**, 5.926 13, 5.901 Sax **MCY475** • Safety **2** , **2217 C** • Römp **8** , **3447** • Fieser **1652** **5427** **6359** **9251** **12304** **13175** **15200** • ACS **XI** • ISO 6353/3-1987R - 72 , 41 • Ph. Eur. **9.0** (2017) 1187 •

**HAZARDOUS:** C.E: 080-010-00-X • RTECS: OV 9100000 • LD L0 oral man 29 mg/kg • LD L0 oral hmn 29 mg/kg • LD50 oral mus 6 mg/kg • LD50 oral rat 1 mg/kg • LC L0 mus 300mg/m3 / 10 min • LD50 skn rat 41 mg/kg • LD50 ipr mus 6 mg/kg VLA-ED (Hg) 0,025 mg/m3



H: H300 • H314 • H372 • H361f • H341 • H410 •

P: P201 • P202 • P260 • P264 • P270 • P501 • P273 • P280 • P281 • P301+P310 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P308+P313 • P310 • P314 • P321 • P330 • P338 • P363 • P391 • P405 •

**TRANSPORT REGULATIONS:** UN: 1624 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

**OBSERVATIONS:** May be subject to export control •

**SPECIFICATIONS:**

Minimum assay (Compl.)	99,5%
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**Maximum limit of impurities**

Insoluble matter in H <sub>2</sub> O	0,01 %
Insoluble matter in C <sub>2</sub> H <sub>5</sub> OC <sub>2</sub> H <sub>5</sub>	0,01 %
Residue after reduction	0,02 %
Nitrate (NO <sub>3</sub> )	0,0005%
Cu	0,001 %
Fe	0,002 %
K	0,005 %
Mg	0,001 %
Pb	0,001 %

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Prod.: 131419