



PRODUCT CODE: 132166

Mercury(II) Sulfate for analysis, ACS
for determination of COD

HgO₄S

HgSO₄

M.= 296,65

CAS [7783-35-9]

EINECS 231-992-5

TARIC 2852 10 00 00

SYNONYMS: Mercuric Bisulphate

PHYSICAL DATA: crystalline powder, White, Reacts violently with water and ethanol. Miscible with ether, chloroform or benzene Thermal decom. above 450 °C • D 6,47 • pH(50 g/l)1 •

BIBLIOGRAPHY: Merck Index **12**, 5.943 13, 5.914 Sax **MDG500** • Safety **2** , **2219 C** • Römp **8** , **3450** • Fieser **1658 15200** • ACS **XI** •

HAZARDOUS: C.E: 080-002-00-6 • RTECS: OX 0500000 • LD50 oral mus 25 mg/kg • LD50 oral rat 57 mg/kg • LD50 skn rat 625 mg/kg • LD50 ipr mus 6,3 mg/kg VLA-ED (Hg) 0,025 mg/m³



H: H330 • H310 • H300 • H373 • H410 •

P: P260 • P262 • P264 • P270 • P271 • P501 • P273 • P280 • P284 • P301+P310 • P302+P350 • P304+P340 • P310 • P314 • P320 • P321 • P322 • P330 • P361 • P363 • P391 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 1645 • 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	99%
Identity :	
Identity	passes test
Suitability: for determination of COD according to UNE 77-004-02	passes test

Maximum limit of impurities

Chloride (Cl)	0,003%
Residue after reduction	0,02 %
Hg (I)	0,1 %
Nitrate (NO3)	passes test

Cd	0,001	%
Cu	0,001	%
Fe	0,003	%
Ni	0,001	%
Pb	0,001	%
Zn	0,001	%