



**PRODUCT CODE: 132166**

**Mercury(II) Sulfate (Reag. USP) for analysis, ACS**  
for determination of COD

HgO<sub>4</sub>S

HgSO<sub>4</sub>

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 (NO <sub>3</sub> )	passes test
Cd	0,001 %
Cu	0,001 %
Fe	0,003 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %