



PRODUCT CODE: 122448

Sulfuric Acid 25% for analysis



M.= 98,08

CAS [7664-93-9]

EINECS 231-639-5

TARIC 2807 00 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water. D 20/4 1,18 • B.P.: 103 °C •

BIBLIOGRAPHY: Merck Index **12**, 9.147 Sax **SOI500** • Safety **2 , 2178 D** • Römp **8 , 3760** • Kühn-Birett **S 12** • Fieser **1470 5633 6558 7347 9441** •

HAZARDOUS: C.E: 016-020-00-8 • RTECS: WS 5600000 • LD50 oral rat 2.150 mg/kg • LC50 rat 510mg/m3 / 2h • VLA-EC 3 mg/m3 VLA-ED 1 mg/m3



H: H314 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 2796 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,181 kg 1kg~0,846 l

OBSERVATIONS: Product controlled as a drug precursor. •

SPECIFICATIONS:

Minimum assay (Acidim.)

25%

Maximum limit of impurities

APHA colour	10
Reducing substance to KMnO ₄ (as SO ₂)	0,0002 %
Residue on ignition	0,0005 %
Chloride (Cl)	0,00002%
Ammonium (NH ₄)	0,0002%
Phosphate (PO ₄)	0,00005 %
Nitrate (NO ₃)	0,00002%
Heavy metals (as Pb)	0,0001%
Ag	0,000002 %
Al	0,000005 %
As	0,000001 %
Be	0,000002 %
Ca	0,00002 %
Cd	0,000002 %
Co	0,000002 %
Cr	0,000005 %
Cu	0,000001 %
Fe	0,00001 %
K	0,00001 %
Li	0,000002 %
Mg	0,000005 %
Mn	0,000001 %
Na	0,00005 %
Ni	0,000002 %
Pb	0,000002 %
Sr	0,000002 %
Zn	0,000005 %