



PRODUCT CODE: 173163

Sulfuric Acid 98% for the determination of nitrogen

H₂O₄S

H₂SO₄

M.= 98,08

CAS [7664-93-9]

EINECS 231-639-5

TARIC 2807 00 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 1,84 • M.P.: -15 °C • B.P.: 330 °C •

BIBLIOGRAPHY: Merck Index **12**, 9.147 13, 9.064 Sax **SOI500** • Safety **2**, **2178 D** • Römp **8**, **3760** • Kühn-Birett **S 12** • Fieser **1470 5633 6558 7347 9441** • ACS **XI** • ISO 6353-2/1983 R - 37, 52 • BP.**2018** • USP **-NF 36** • Ph. Eur. **9.0** (2017) 1989**8.0** (2014) • F.C.C **IV402 10461** • Directive 2000/63/EC •

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: 1830 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,84 kg 1kg~0,54 l

OBSERVATIONS: Product controlled as a drug precursor. •

SPECIFICATIONS:

Minimum assay (Acidim.)

98 ± 1 %

Maximum limit of impurities

Residue on ignition

0,0005 %

Nitrogen compounds (as N)

0,0005%

Ed.: 4 . Vig.: 13.05.2016 .

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