



PRODUCT CODE: 252901

Osmium(VIII) Oxide for clinical diagnosis

O_4Os

OsO_4

M.= 254,20

CAS [20816-12-0]

EINECS 244-058-7

TARIC 2843 90 90 00

SYNONYMS: Osmic Acid, Osmium Tetroxide•

PHYSICAL DATA: crystals, slightly yellow, Soluble in water 72,4 g/l at 25 °C D 5,1 • M.P.: 40,6 °C • B.P.: 130 °C
• pH(25 g/l)6 • Vap. press. (20 °C) 10 hPa •

BIBLIOGRAPHY: Merck Index **12**, 7.024 Safety **2**, **2658 C** • Kühn-Birett **O 8** • Fieser **1759 2301 4361 5141 6424 10290 12358 13222 14235 15240** • ACS **X469IX447** •

HAZARDOUS: C.E: 076-001-00-5 • RTECS: RN 1140000 • LD50 oral mus 162 mg/kg • LD50 oral rat 15 mg/kg • TC L0 man 0.133mg/m3 • LC L0 rat 40ppm / 4h • LD50 ipr mus 13,5 mg/kg TLV-TWA 0,0002 ppm0,0016 mg/m3 VLA-EC (Os) 0,0006 ppm0,006 mg/m3 VLA-ED (Os) 0,002 mg/m3



H: H330 • H310 • H300 • H314 •

P: P260 • P262 • P264 • P270 • P271 • P501 • P280 • P284 • P301+P310 • P301+P330+P331 • P302+P350 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P320 • P321 • P322 • P330 • P338 • P361 • P363 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2471 • ADR: 6.1/I • IMDG: 6.1/I • IATA: 6.1/I • PAX: 666 • CAO: 673 • (C/E)
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SPECIFICATIONS:

Minimum assay
Identity :

99,8%

Identity

passes test

Maximum limit of impurities

Insoluble matter in C₂H₅OH

passes test

Ed.: 1 . Vig.: 09.12.2014 .

Prod.: 252901