

**PRODUCT CODE: 161244****Carbon Disulfide, 99.5% for synthesis**

CS₂CS₂

M.= 76,14

CAS [75-15-0]

EINECS 200-843-6

TARIC 2813 10 00 00

SYNONYMS: Carbon Sulphide

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 2,9 g/l at 20 °C D 20/4 1,262 • M.P.: -111 °C • B.P.: 46 °C • n_{20/D} : 1,628 • Flash P.: -30 °C • Ign. T.: 102 °C • Vap. press. (20 °C) 400 hPa • Viscosity 20 °C 0,36 mPa.s • Dielec. constant 20 °C 262 • Evap. number (DIN 53170) 1,8 • Heat evap. 46 °C 352 KJ/Kg • Satur. conc. 20 °C 1244 g/m³ • Expl. limit 1 % (V) 60 % (V) •

BIBLIOGRAPHY: Merck Index **13**, 1.821 Sax **CBV500** • Safety **2**, **684 D** • Kühn-Birett **S 11** • Ullmann **(4.)** 21, 87 • Beilstein **3**, **197 I**, **79 II**, **139 III**, **320 IV**, **395** • BRN 1098293 • Fieser **1114 594 695** • ACS **XI** •

HAZARDOUS: C.E: 006-003-00-3 • RTECS: FF 6650000 • LD50 oral rat 3.188 mg/kg • LC L0 inh hmn 4000 ppm / 30 min • LC50 rat 25g/m³ / 2h • VLA-ED 10 ppm 31 mg/m³



H: H225 • H319 • H315 • H372 • H361fd •

P: P210 • P233 • P240 • P241 • P242 • P243 • P260 • P264 • P270 • P280 • P302+P352 • P303+P361+P353 • P305+P351+P338 • P314 • P321 • P332+P313 • P337+P313 • P362 • P370+P378 • P403+P235 • P501 •

TRANSPORT REGULATIONS: UN: 1131 • ADR: 3(6.1)/I • IMDG: 3(6.1)/I • IATA: 3(6.1)/ - • PAX: P • CAO: P • (C/E) •

WEIGHT/VOLUME INFORMATION: 1l~1,264 kg 1kg~0,791 l

SPECIFICATIONS:

Minimum assay (G.C.)

99,5%

Identity :

IR passes test

Identity

Water (H₂O)

0,05 %

Ed.: 4 . Vig.: 13.02.2017 .

Prod.: 161244