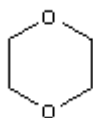


**PRODUCT CODE: 141296****1,4-Dioxan stabilized with ~ 25 ppm of BHT pure**

M.= 88,11

CAS [123-91-1]

EINECS 204-661-8

TARIC 2932 99 00 90

**SYNONYMS:** Diethylene Dioxide

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • D 20/4 1,0337 • M.P.: 11,8 °C • B.P.: 101 °C • pH(500g/l) 6 - 8 • n<sub>20</sub>/D : 1,4224 • Flash P.: 11 °C • Ign. T.: 375 °C • Vap. press. (20 °C) 41 hPa • Viscosity 25 °C 1,2 mPa.s • D. M. 20 °C 0,4 Debye • Dielec. constant 25 °C 2,2 • Evap. number (DIN 53170) 7,3 • Heat evap. 101 °C 413 KJ/Kg • Satur. conc. 20 °C 149 g/m<sup>3</sup> • Expl. limit 1,9 %(V) 22,5 %(V) •

**BIBLIOGRAPHY:** Merck Index **12**, 3.353 13, 3.330 Sax **DVQ000** • Safety **2**, **1446 D** • Kühn-Birett **D 42** • Ullmann **(5.)** 8, 545 • Beilstein **19**, **3 I**, **609 II**, **4 III/IV**, **9 V**, **16** • BRN 102551 • Fieser **1333** • ACS **XI** • ISO 6353/2-1987 R 60, 26 •

**HAZARDOUS:** C.E: 603-024-00-5 • RTECS: JG 8225000 • LD50 oral mus 5.700 mg/kg • LC L0 inh hmn 470 ppm / 3d • LC50 rat 46000mg/m<sup>3</sup> / 2h • LD50 skn rbt 7.600 mg/kg • VLA-EC 274 mg/m<sup>3</sup> VLA-ED 20 ppm 92 mg/m<sup>3</sup>



H: H225 • H319 • H335 • H351 • EUH019 • EUH066 •

P: P201 • P202 • P210 • P233 • P240 • P241 • P242 • P243 • P261 • P264 • P271 • P280 • P281 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P308+P313 • P312 • P337+P313 • P370+P378 • P403+P233 • P403+P235 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 1165 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~1,033 kg      1kg~0,968 l

**SPECIFICATIONS:**

Assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 20/4	1,032-1,034
Acidity	0,003 meq/g
Non-volatile matter	0,005 %
Carbonyl compounds (as HCHO)	0,1%
Peroxides (as H2O2)	0,005 %*
Acetaldehyde (G.C.)	0,01%
Acetal (G.C.)	0,1%
Water (H2O)	0,1 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

**\* At the moment of the batch analysis.**

Ed.: 5 . Vig.: 13.02.2017 .

Prod.: 141296