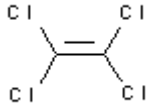
PanReac AppliChem ITW Reagents

PRODUCT CODE: 361455

Tetrachloroethylene for UV, IR, HPLC, GPC

C_2Cl_4
Cl_2CCl_2C



M.= 165,83 CAS [127-18-4] EINECS 204-825-9
TARIC 2903 23 00 00

SYNONYMS: Ethylene Tetrachloride, Perchloroethylene

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 0,15 g/l at 20 °C D 20/4 1,622 • M.P.: -22,35 °C • B.P.: 121,2 °C • n20/D **:** 1,5056 • Vap. press. (20 °C) 19 hPa • Viscosity 20 °C 0,89 mPa.s • Dielec. constant20 °C 2,4 • Evap. number (DIN 53170) 11 • Heat evap. 121 °C 209 KJ/Kg • Satur. conc. 20 °C 126 g/m3 •
BIBLIOGRAPHY: Merck Index **12,** 9.332 13**,** 9.265 Sax **TBQ**250 • Safety **2 , 3247 C** • Kühn-Birett **P** 5 • Ullmann **(5.)**6 , 302 • Beilstein **1 , 187 I , 79 II , 161 III ,664 IV , 715** • BRN 1361721 • ACS **XI** •

HAZARDOUS: C.E: 602-028-00-4 • RTECS: KX 3850000 • LD L0 oral rbt 5.000 mg/kg • LD L0 rbt 5g/Kg • LD50 oral rat 2.629 mg/kg • LC L0 man 600ppm / 10 min • LC L0 inh rat 34200 ppm / 8h • LC50 rat 34200mg/m3 / 8h • VLA-EC 100 ppm689 mg/m3 VLA-ED 25 ppm172 mg/m3

H: H351 • H411 •
P: P201 • P202 • P273 • P281 • P308+P313 • P501 • P391 • P405 •

TRANSPORT REGULATIONS: UN: 1897 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 655 • CAO: 663 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,622 kg 1kg~0,617 l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9%
Density at 20/4	1,620-1,624
Maximum limit of impurities	
APHA colour	10
Acidity	0,0005 meq/g
Alkalinity	0,0004 meq/g
Non-volatile matter	0,0005 %
Water (H2O)	0,01 %
Suitability for IR spectrometry:	passes test
Fluorescence at 365 nm (as quinine)	2 ppb
UV Spectrum (1cm cell; Ref.: water):	
Transmittance at 290 (Cut off) nm	³ 10 %
Transmittance at 295 nm	³ 50 %
Transmittance at 300 nm	³ 80 %
Transmittance at 305 nm	³ 85 %
Transmittance at 350 nm	³ 89 %
Transmittance at 400-500 nm	³ 94 %

For critical jobs, purge with nitrogen.

Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.