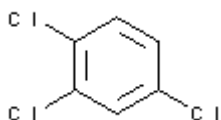
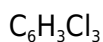
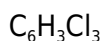


**PRODUCT CODE: 363541****1,2,4-Trichlorobenzene for UV, IR, HPLC, GPC**



M.= 181,45

CAS [120-82-1]

EINECS 204-428-0

TARIC 2903 99 80 90

PHYSICAL DATA: liquid, Clear, Colourless, Immiscible with water. • D 20/4 1,455 • M.P.: 17 °C • B.P.: 213 °C • n_{20/D} : 1,5707 • Flash P.:110 °C • Ign. T.:571 °C • Vap. press. (50 °C) 2 hPa • Satur. conc. 20 °C 2 g/m³ • Expl. limit 2,5 % (V) 6,6 % (V) •

BIBLIOGRAPHY: Merck Index **12**, 9.760 13, 9.704 Sax **TIK250** • Safety **2**, **3409 D** • Kühn-Birett **M 25** • Beilstein **5**, **204 I**, **112 II**, **156 III**, **548 IV**, **664** • BRN 956819 • ACS **XI** •

HAZARDOUS: C.E: 602-087-00-6 • RTECS: DC 2100000 • TDLo oral rat 1.800 mg/kg • LD50 oral rat 756 mg/kg • LD50 ipr mus 1.223 mg/kg TLV-TWA 5 ppm 37 mg/m³ VLA-EC 5 ppm 38 mg/m³ VLA-ED 2 ppm 15 mg/m³



H: H302 • H315 • H410 •

P: P264 • P270 • P273 • P280 • P301+P312 • P501 • P302+P352 • P321 • P330 • P332+P313 • P362 • P391 •

TRANSPORT REGULATIONS: UN: 2321 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 655 • CAO: 663 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,454 kg 1kg~0,688 l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0%
Density at 20/4	1,453-1,455
Maximum limit of impurities	
APHA colour	10
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Non-volatile matter	0,0003 %
Water (H ₂ O)	0,015 %
Suitability for IR spectrometry:	passes test
UV Spectrum (1cm cell; Ref.: water):	
Transmittance at 307 (Cut off) nm	³ 10 %
Transmittance at 310 nm	³ 50 %
Transmittance at 315 nm	³ 80 %
Transmittance at 385-450 nm	³ 98 %

For critical jobs, purge with nitrogen.

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