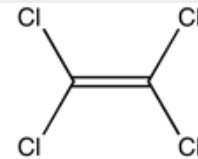


Identification

C_2Cl_4
 M = 165,82 g/mol
 CAS [127-18-4]
 EC number: 204-825-9
 Taric code: 2903 23 00


Synonyms

Perchloroethylene, Tetrachloroethylene, Ethylene tetrachloride

Applications

analytical chemistry, for spectroscopy, chromatography, laboratory reagent, solvents.

Specifications

assay (G.C.).....	min. 99,9 %	magnesium (Mg).....	max. 0,1 ppm
identity (IR-spectrum).....	passes test	manganese (Mn).....	max. 0,01 ppm
density (20°/4°).....	1,621 - 1,623	nickel (Ni).....	max. 0,02 ppm
appearance.....	clear	tin (Sn).....	max. 0,1 ppm
colour (Hazen).....	max. 10	zinc (Zn).....	max. 0,01 ppm
acidity.....	max. 0,0005 meq/g	residue on evaporation.....	max. 0,0003 %
aluminium (Al).....	max. 0,1 ppm	water (K.F.).....	max. 0,01 %
barium (Ba).....	max. 0,01 ppm		
boron (B).....	max. 0,02 ppm	min. transmission/max. absorbance in a 1,0 cm cell at	
cadmium (Cd).....	max. 0,01 ppm	wavelength:.....	T(%) A (AU)
calcium (Ca).....	max. 0,3 ppm	290 nm.....	10 % 1,000 AU
chromium (Cr).....	max. 0,02 ppm	295 nm.....	50 % 0,301 AU
cobalt (Co).....	max. 0,02 ppm	300 nm.....	80 % 0,097 AU
copper (Cu).....	max. 0,02 ppm	305 nm.....	85 % 0,071 AU
iron (Fe).....	max. 0,02 ppm	350 nm.....	89 % 0,051 AU
lead (Pb).....	max. 0,1 ppm		

Microfiltered through membranes of pore diameter 0,22 µm

Physical data

- Density: 1,62 g/cm³
- Solub. in water: (20 °C): 0,2 g/l
- Melting point: -22 °C
- Boiling point: 121 °C
- Vapour pressure: (20 °C) 18 hPa
- Refraction index: (n 20 °C/D) 1,5053
- Viscosity: (20 °C) 0,89 mPas
- Dielectric const.: (20 °C) 2,4
- Saturation conc.: (20 °C) 126 g/m³

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H351: Suspected of causing cancer.
 H411: Toxic to aquatic life with long lasting effects.


Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
 P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321: Specific treatment (see on this label).
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.



Transport/storage

- ADR: 6.1 T1 III • UN 1897 • TETRACHLOROETHYLENE
- IMDG: 6.1 III • UN 1897 • TETRACHLOROETHYLENE
- IATA/ICAO: 6.1 III • UN 1897 • TETRACHLOROETHYLENE
- PAX: 605
- CAO: 612
- 10°C - 30°C