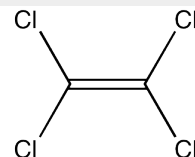


## Identification

C<sub>2</sub>Cl<sub>4</sub>  
M = 165,82 g/mol  
CAS [127-18-4]  
EC number: 204-825-9  
Taric code: 2903 23 00



## Synonyms

Perchloroethylene, Tetrachloroethylene, Ethylene tetrachloride

## Specifications

|                             |                      |                                                                                                                                                                 |                  |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| assay (G.C.).....           | min. 99,9 %          | acidity.....                                                                                                                                                    | max. 0,002 meq/g |
| identity (IR-spectrum)..... | passes test          | chloride (Cl).....                                                                                                                                              | max. 1 ppm       |
| appearance.....             | clear and colourless | residue on evaporation.....                                                                                                                                     | max. 0,0010 %    |
| density (20°/4°).....       | 1,621 - 1,623        | water (K.F.).....                                                                                                                                               | max. 0,005 %     |
| colour (Hazen ).....        | max. 10              | Hydrocarbons (absorbance of the maximum peak at 2930 cm <sup>-1</sup> ; range 3200-2700 cm <sup>-1</sup> ;<br>referred to Hexadecane: isooctane: chlorobenzene) | max. 10 ppm      |

## Physical data

- Density: 1,62 g/cm<sup>3</sup>
- 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/m<sup>3</sup>

## 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