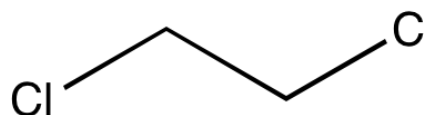


**Identification**

$C_2H_4Cl_2$   
 M = 98,97 g/mol  
 CAS [107-06-2]  
 EC number: 203-458-1  
 Taric code: 2903 15 00


**Synonyms**

Ethylene chloride, Ethylene dichloride

**Applications**

solvents, synthesis of organic products, fumigant.

**Specifications**

assay (G.C.).....	min. 99,8 %	min. transmission/max. absorbance	
identity (IR-spectrum).....	passes test	in a 1,0 cm cell at	
density (20°/4°).....	1,246 - 1,255	wavelength:	T(%) A (AU)
acidity.....	max. 0,0002 meq/g	230 nm.....	20 % 0,699 AU
alkalinity.....	max. 0,0002 meq/g	235 nm.....	50 % 0,301 AU
residue on evaporation.....	max. 0,0002 %	245 nm.....	90 % 0,046 AU
water (K.F.).....	max. 0,01 %		

Microfiltered through membranes  
of pore diameter 0,22 µm

**Physical data**

- Density: 1,25 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,80 g/l
- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- Flash point: 13 °C
- Ignition temperature: 412,6 - 440 °C
- Vapour pressure: (20 °C) 87 hPa
- Viscosity: (20 °C) 0,8 mPas
- Saturation conc.: (20°C) 350 g/m<sup>3</sup>
- Expl. limit (upper): 16,2 Vol%
- Expl. limit (lower): 6 Vol%

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
 H350: May cause cancer.  
 H302: Harmful if swallowed.  
 H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H335: May cause respiratory irritation.


**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 670 mg/kg
- WGK: 3
- Poison class CH (Swiss): 3

**Transport/storage**

- ADR: 3 FT1 II • UN 1184 • ETHYLENE DICHLORIDE
- IMDG: 3 II • UN 1184 • ETHYLENE DICHLORIDE
- IATA/ICAO: 3 II • UN 1184 • ETHYLENE DICHLORIDE
- PAX: 306
- CAO: 308
- Store between 15°C and 25°C