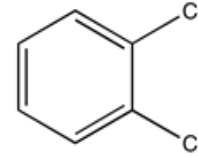


**1,2-Dichlorobenzene, EssentQ®****Identification**

C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>  
M = 147,00 g/mol  
CAS [95-50-1]  
EC number: 202-425-9  
Taric code: 2903 91 00

**Synonyms**

o-Chlorobenzene

**Applications**

solvents, degreasing agent, manufacture of dyes.

**Specifications**

assay (G.C.).....	min. 99,5 %	density (20°/4°).....	1,305 - 1,307
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,05 %
		water (K.F.).....	max. 0,05 %

**Physical data**

- Density: 1,31 g/cm<sup>3</sup>
- Solub. in water: (20 °C): ~ 0,13 g/l
- Melting point: -17 °C
- Boiling point: 180 °C
- Flash point: 66 °C
- Ignition temperature: 640 °C
- Vapour pressure: (20 °C) ~ 1,3 hPa
- Viscosity: (20 °C) 1,32 mPas
- Dipolar moment: (24 °C) 2,27 Debye
- Dielectric const.: (25 °C) 9,9
- Saturation conc.: (20 °C) 8 g/m<sup>3</sup>
- Expl. limit (upper): 12 Vol%
- Expl. limit (lower): 2,2 Vol%

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

- H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H410: Very 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 1591 • o-DICHLOROBENZENE
- IMDG: 6.1 III • UN 1591 • O-DICHLOROBENZENE
- IATA/ICAO: 6.1 III • UN 1591 • O-DICHLOROBENZENE
- PAX: 611
- CAO: 618
- 10°C - 30°C