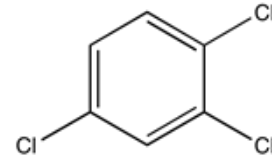


**1,2,4-Trichlorobenzene, for analysis, ExpertQ®****Identification**

C<sub>6</sub>H<sub>3</sub>Cl<sub>3</sub>  
M = 181,45 g/mol  
CAS [120-82-1]  
EC number: 204-428-0  
Taric code: 2903 99 99

**Applications**

analytical chemistry, chromatography, synthesis of organic products.

**Specifications**

assay (G.C.).....min. 99 %  
identity (IR-spectrum).....passes test  
density (20°/4°).....1,453 - 1,455  
colour (Hazen).....max. 10

acidity.....max. 0,0002 meq/g  
alkalinity.....max. 0,0002 meq/g  
residue on ignition.....max. 0,0005 %  
water (K.F.).....max. 0,015 %

**Physical data**

- Density: 1,45 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,049 g/l
- Melting point: 17 °C
- Boiling point: 213,5 °C
- Flash point: 99 °C
- Ignition temperature: 571 °C
- Vapour pressure: (20 °C) 1,3 hPa
- Saturation conc.: (20 °C) 2 g/m<sup>3</sup>
- Expl. limit (upper): 6,6 Vol %
- Expl. limit (lower): 2,5 Vol %

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

- H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H410: Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P273: Avoid release to the environment.  
P321: Specific treatment (see on this label).  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P332+P313: If skin irritation occurs: Get medical advice / attention.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T1 III • UN 2321 • TRICHLOROBENZENES, LIQUID
- IMDG: 6.1 III • UN 2321 • TRICHLOROBENZENES, LIQUID
- IATA/ICAO: 6.1 III • UN 2321 • TRICHLOROBENZENES, LIQUID
- PAX: 655
- CAO: 663
- 10°C - 30°C