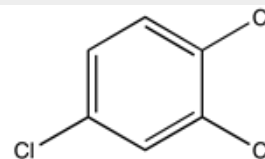


1,2,4-Trichlorobenzene, HPLC grade**Identification**

C₆H₃Cl₃
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 % | min. transmission/max. absorbance in a 1,0 cm cell at |
| identity (IR-spectrum)..... | passes test | wavelength:..... T(%) A (AU) |
| acidity..... | max. 0,0002 meq/g | 315 nm..... 50 % 0,301 AU |
| alkalinity..... | max. 0,0002 meq/g | 320 nm..... 80 % 0,097 AU |
| residue on ignition..... | max. 0,0003 % | 385 nm..... 98 % 0,009 AU |
| water (K.F.)..... | max. 0,01 % | |

Microfiltered through membranes of pore diameter 0,22 µm

Physical data

- Density: 1,45 g/cm³
- 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/m³
- 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
- 15°C - 25°C