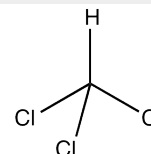


Identification

CHCl₃
 M = 119,38 g/mol
 CAS [67-66-3]
 EC number: 200-663-8
 Taric code: 2903 13 00


Synonyms

Trichloromethane, Formyl trichloride





Applications

solvents, analytical chemistry, in the rubber industry, in pharma industry.

Specifications

assay (G.C.).....	99,0 - 99,6 %	iron (Fe).....	max. 0,00002 %
identity (IR-spectrum).....	passes test	lead (Pb).....	max. 0,00002 %
density (20°/20°).....	1,477 - 1,487	nickel (Ni).....	max. 0,00002 %
ethanol (G.C.).....	0,4 - 1,0 %	aldehydes, ketones.....	passes test
acidity or alkalinity.....	passes test	carbon tetrachloride (G.C.).....	max. 0,01 %
free chlorine (as Cl).....	passes test	residue on evaporation.....	max. 0,001 %
chlorides (Cl).....	max. 0,0002 %	water (K.F.).....	max. 0,05 %
copper (Cu).....	max. 0,00002 %		

Packaging
Packaging Code

1 l  CL02001000
 2,5 l  CL02002500
 5 l  CL0200005P
 25 l  CL0200025A

Physical data

- Density: 1,47 g/cm³
- Solub. in water: (20 °C): 8 g/l
- Melting point: -63 °C
- Boiling point: 61 °C
- Ignition temperature: 982 °C
- Vapour pressure: (20° C) 213 hPa
- Viscosity: (20 °C) 0,56 mPas
- Dipolar moment: (20 °C) 1,01 Debye
- Dielectric const.: (20 °C) 4,8
- Saturation conc.: (20 °C) 1027 g/m³

Safety - GHS

Signal Word: Danger


Hazard Statements:

- H331: Toxic if inhaled.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H351: Suspected of causing cancer.
- H361d: Suspected of damaging the unborn child.
- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
- 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.

Toxicological data

- LD 50 (oral, rat): 908 mg/kg
- MAK: 0,5 ml/m³, 2,5 mg/m³
- WGK: 3
- Poison class CH (Swiss): 1*

Transport/storage

- ADR: 6.1 T1 III • UN 1888 • CHLOROFORM
- IMDG: 6.1 III • UN 1888 • CHLOROFORM
- IATA/ICAO: 6.1 III • UN 1888 • CHLOROFORM
- PAX: 610
- CAO: 612
- Store between 15°C and 25°C