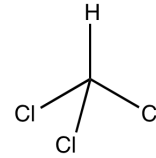


**Identification**

CHCl<sub>3</sub>  
 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.

**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°).....	1,487 - 1,490	wavelength:	T(%) A (AU)
acidity.....	max. 0,0002 meq/g	248 nm.....	20 % 0,699 AU
alkalinity.....	max. 0,0002 meq/g	253 nm.....	50 % 0,301 AU
residue on evaporation.....	max. 0,0003 %	265 nm.....	90 % 0,046 AU
water (K.F.).....	max. 0,01 %		

Microfiltered through membranes  
 of pore diameter 0,22 µm

**Physical data**

- Density: 1,47 g/cm<sup>3</sup>
- 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/m<sup>3</sup>

**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/m<sup>3</sup>, 2,5 mg/m<sup>3</sup>
- 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: 680
- CAO: 680
- Store between 15°C and 25°C