

Chloroform

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.

Specifications

assay (G.C.)	min. 99,9 %	copper (Cu).....	max. 0,2 ppm
identity (IR-spectrum).....	passes test	iron (Fe).....	max. 0,2 ppm
density (20°/20°).....	1,490- 1,493	lead (Pb).....	max. 0,2 ppm
acidity or alkalinity.....	passes test	nickel (Ni).....	max. 0,2 ppm
free chlorine (as Cl).....	passes test	water (K.F.).....	max. 0,003 %
chlorides (Cl)	passes test		

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