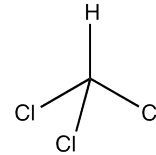


Identification

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. 99,8 %	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

Packaging
Packaging Code

1 l  CL02071000
 2,5 l  CL02072500

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