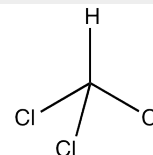


Identification

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 %
identity (IR-spectrum).....passes test
density (20°/4°).....1,487 - 1,490
acidity.....max. 0,0002 meq/g
alkalinity.....max. 0,0002 meq/g
residue on evaporation.....max. 0,0003 %
water (K.F.).....max. 0,01 %

min. transmission/max. absorbance in a 1,0 cm cell at
wavelength:.....T(%) A (AU)
248 nm.....20 % 0,699 AU
253 nm.....50 % 0,301 AU
265 nm.....90 % 0,046 AU

Microfiltered through membranes of pore diameter 0,22 µm

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:

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



Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
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.

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
- 15°C - 25°C