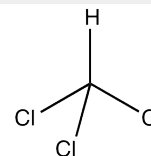


Chloroform, for GC residue analysis, stabilized with ethanol**Identification**

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 % | Suitable for organohalogenated |
| identity (IR-spectrum)..... | passes test | pesticide and dioxins, furans and PCBs |
| density (20°/4°)..... | 1,474 - 1,484 | residue analysis. |
| ethanol (G.C.)..... | max. 1 % | ECD, from 1,2,4-trichlorobenzene to |
| residue on evaporation..... | max. 0,0001 % | decachlorobiphenyl, no peaks are |
| water (K.F.)..... | max. 0,01 % | obtained greater than 3 pg/ml as lindane. |
| | | No peaks are obtained in vicinity of |
| | | 2,4,5-trichlorobiphenyl. |
| | | Suitable for pesticide and polycyclic |
| | | aromatic hydrocarbons residue analysis. |
| | | FID, from 1-octanol to 1-tetradecanol, no |
| | | peaks are obtained greater than 5 ng/ml |
| | | as 1-tetradecanol. No peaks are obtained |
| | | in vicinity of pyrene. |

Packaging**Packaging Code**

1 l  CL02081000
2,5 l  CL02082500

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