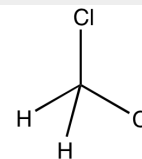


Dichloromethane, for GC residue analysis, stabilized with approx. 50 ppm of amylene

Identification

CH₂Cl₂
M = 84,93 g/mol
CAS [75-09-2]
EC number: 200-838-9
Taric code: 2903 12 00



Synonyms

Methylene chloride, Chloromethylene

Applications

solvents, analytical chemistry.

Specifications

assay (G.C.).....	min.99,9 %
identity (IR-spectrum).....	passes test
density (20°/4°).....	1,323 - 1,327
residue on evaporation.....	max. 0,0001 %
water (K.F.).....	max. 0,02 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis
ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are 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.

Physical data

- Density: 1,32 g/cm³
- Solub. in water: (20 °C): 20 g/l
- Melting point: ~ -95 °C
- Boiling point: 40 °C
- Ignition temperature: 605 °C
- Vapour pressure: (20 °C) 475 hPa
- Viscosity: (20 °C) 0,43 mPas
- Dipolar moment: (20 °C) 1,6 Debye
- Dielectric const.: (20 °C) 9,1
- Evap. heat: (40 °C) 329 KJ/kg
- Saturation conc.: (20°C) 1549 g/m³
- Expl. limit (upper): 22 Vol%
- Expl. limit (lower): 13 Vol%
- pH(20 °C) 7

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H351: Suspected of causing cancer.
- H373: May cause damage to organs through prolonged or repeated exposure.



Precautionary Statements:

- P281: Use personal protective equipment as required.
- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P308+P313: IF exposed or concerned: Get medical advice / attention.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

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Toxicological data

- LD 50 (oral, rat): 1600 mg/kg
- MAK: 100 ml/m³ , 350 mg/m³
- WGK: 2
- Poison class CH (Swiss): 4

Transport/storage

- ADR: 6.1 T1 III • UN 1593 • DICHLOROMETHANE
- IMDG: 6.1 III • UN 1593 • DICHLOROMETHANE
- IATA/ICAO: 6.1 III • UN 1593 • DICHLOROMETHANE
- PAX: 655
- CAO: 663
- Store between 15°C and 25°C