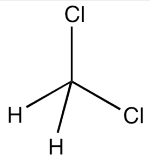
CL0347

Dichloromethane, stabilized with approx. 50 ppm of amylene, Multisolvent® HPLC grade ACS ISO UV-VIS

Identification

CH_2Cl_2
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 %	carbon tetrachloride (G.C.)	max. 0,005 %
identity (IR-spectrum)	passes test	chloroform (G.C.)	max. 0,005 %
density (20°/4°)	1,323 - 1,327	ethanol (G.C.)	max. 0,02 %
appearance	clear	methanol (G.C.)	max. 0,01 %
colour (Hazen)	max. 10	formaldehyde	max. 0,0005 %
acidity	max. 0,0002 meq/g	residue on evaporation	max. 0,0002 %
alkalinity	max. 0,0002 meq/g	water (K.F.)	max. 0,01 %
free chlorine (as Cl)	max. 0,00002 %		
chlorides (Cl)	max. 0,0001 %	liquid chromatography suitability	
aluminium (Al)	max. 0,00001 %	absorbance	passes test
barium (Ba)	max. 0,000001 %		
boron (B)	max. 0,000002 %	min. transmission/max. absorbance	
cadmium (Cd)	max. 0,000001 %	in a 1,0 cm cell at	
calcium (Ca)	max. 0,00003 %	wavelength:	T(%) A (AU)
chromium (Cr)	max. 0,000002 %	235 nm	20 % 0,699 AU
cobalt (Co)	max. 0,000002 %	240 nm	50 % 0,301 AU
copper (Cu)	max. 0,000002 %	245 nm	80 % 0,097 AU
iron (Fe)	max. 0,000002 %	248 nm	90 % 0,046 AU
lead (Pb)	max. 0,00001 %	255 nm	98 % 0,009 AU
magnesium (Mg)	max. 0,00001 %		
manganese (Mn)	max. 0,000001 %	Microfiltered through membranes	
nickel (Ni)	max. 0,000002 %	of pore diameter 0,22 µm	
tin (Sn)	max. 0,00001 %		
zinc (Zn)	max. 0,000001 %		

Packaging

Packaging	Code
1 l	CL03471000
2,5 l	CL03472500
4 l	CL03474000
7 l	CL0347007E
20 l	CL0347020S
25 l	CL0347025B

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/m^3
- Expl. limit (upper): 22 Vol%
- Expl. limit (lower): 13 Vol%
- pH(20 °C) 7

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Safety - GHS

Signal Word: Warning

Hazard Statements:

H351: Suspected of causing cancer.

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.

Toxicological data

- LD 50 (oral, rat): 1600 mg/kg
- MAK: 100 ml/m^3 , 350 mg/m^3
- 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 15ºC and 25ºC