

Laszlo Corporation

Methylene Chloride

Chemical Name: Dichloromethane

Synonyms: Methylene dichloride, 1,1-Dichloromethane, DCM, MEC, MC, Methylene bichloride, Chlorocarbon

Trade Names: Aerothene MM, Mecthene (The Dow Chemical Co), NCI-C50102, Chlorure de methylene, Methylene Chloride A50 (Solvay SA), R 30, Dichlormethan uvasol, Methoklone (Ineos Chlor Ltd), Solaesthin, Metylenu chlorek, Narkotil, Solmethine

Empirical Formula: CH₂Cl₂

Molecular Mass: 84.93

CAS Number: 75-09-2

H.S.Code: 2903 12 000 0

UN: 1593

Application:

- in production of chemical fibers, cinema and photo film, plastics and as a process solvent in pharmaceuticals;
- in metallurgic industry, radio engineering for degreasing metal surfaces;
- in paint-and-varnish industry as an additive to paints, adhesives;
- as a foam blowing agent in flexible polyurethane foams production.

Quality Data:

Appearance	Transparent colorless liquid with mechanical impurities.
Density at 20 °C, g/cm ³	1,326-1,328
Water content, %, max	0,01
Residue on evaporation, %, max	0,0005
Iron, %, max	0,0001
Free acid as HCl, %, max	0,0004
Assay, %, min	99,7
Organochlorous impurities content, max	0,23
including chloroform (GC) content, %, m	0,2

Storage Conditions: Store in unheated storage rooms or under a shed in sealed packing protected from sunlight and moisture.

Incompatible Products: Oxidizers, acids and alkalis.

Packing: Van Leer drums 270 kg net

Labelling:

Xn Symbol

UN Hazard Class: 6.1

UN Pack Group: III

RID/ARD: UN 1593 6.1/15c