



# Product Specification

**Product Name:** DICHLOROMETHANE AR, stabilised with amylene

Alternate Name(s) Methylene chloride.

Description

Colourless volatile liquid with heavy vapours; penetrating ether-like odour. Appearance: clear.

Properties

Chemical Formula:

Molecular Weight: 84.93

Product Code: MA012

CAS No. 75-09-2

General Information:

Incompatible with oxidising agents, strong bases, alkali metals, some plastics, rubber and coatings. Non-flammable. When involved in a fire may evolve extremely toxic fumes (phosgene).

Hazard and Safety Data

UN Group: III  
Class: 6.1  
UN Number: 1593  
Hazchem code: 2Z  
CS MSDS Code: 1CH2L  
Poison schedule: S5  
Emergency  
Procedure Guide No.: 37

Quality Specification

Assay: 99.8% min.

Specific Properties and Impurities [Typical levels]:

Colour (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Titrate acid	≤ 0.0003meq/g
Free halogens	Passes test
Water (H <sub>2</sub> O)	≤ 0.02%
Aluminium (Al)	≤ 0.00005%
Barium (Ba)	≤ 0.00001%
Boron (B)	≤ 0.0001%
Calcium (Ca)	≤ 0.00005%
Cadmium (Cd)	≤ 0.00001%
Chromium (Cr)	≤ 0.0001%
Cobalt (Co)	≤ 0.00001%
Copper (Cu)	≤ 0.00001%
Iron (Fe)	≤ 0.00005%
Lead (Pb)	≤ 0.00001%
Magnesium (Mg)	≤ 0.00005%
Manganese (Mn)	≤ 0.00001%
Molybdenum (Mo)	≤ 0.00001%
Nickel (Ni)	≤ 0.00001%
Tin (Sn)	≤ 0.00001%
Zinc (Zn)	≤ 0.00001%

CONFORMS TO ACS

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