

SYSTEM
Specification

PRODUCT NAME : Dichloromethane, *ChemAR*[®]
{Methylene chloride}
Stabilised with ~20ppm 2-methyl-2-butene

CATALOGUE NUMBER : DI270-90

FORMULA : CH₂Cl₂

MOLECULAR WEIGHT : 84.93g/mol

CAS. NUMBER : [75-09-2]

IMDG class : 6.1 UN No : 1593 Packaging group : III

HAZARD STATEMENT:

H351

PRECAUTIONARY STATEMENT:

P201,P281,P301+P313

Risiko (Risks):R40

Keselamatan (Safety):S23,S24/25,S36/37

Specification

Assay(GC)	min.99.5	%
Identity(IR)	passes	test
Free acid (as HCl)	max.0.001	%
Free chlorine(Cl)	max.0.00003	%
Aluminium(Al)	max.0.00005	%
Boron(B)	max.0.000002	%
Calcium(Ca)	max.0.00005	%
Cadmium(Cd)	max.0.000005	%
Cobalts(Co)	max.0.000002	%
Chromium(Cr)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Magnesium(Mg)	max.0.00001	%
Manganese(Mn)	max.0.000002	%
Nickel(Ni)	max.0.000002	%
Lead(Pb)	max.0.00001	%
Tin(Sn)	max.0.00001	%
Zinc(Zn)	max.0.00001	%
Chloroform(GC)	max.0.01	%
Carbon Tetrachloride(GC)	max.0.01	%
Darken matter by H ₂ SO ₄	passes	test
Evaporation residue	max.0.002	%
Water	max.0.05	%
Wt/ml at 20 ^o C	1.32g	
Melting point:	-95 ^o C	
Boiling point:	40 ^o C	
Explosive limits:	14-25 by vol.%	
Ignition temperature:	605 ^o C	

ACS,ISO Reagent.



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