

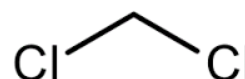


# Product Specification

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## DICHLOROMETHANE FOR MOLECULAR BIOLOGY



PRODUCT CODE	925600
SYNONYMS	(Methylene Chloride)
C.I. NO.	N/A
CASR NO.	75-09-2
ATOMIC OR MOLECULAR FORMULA	CH <sub>2</sub> Cl <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	84.93
PROPERTIES	--
PARAMETER	LIMIT
Description	A clear liquid colour not more than 10 Hazen units.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution
Minimum assay (GC)	99.9%
Wt. per ml at 20°C	1.323 – 1.325 g
Refractive index (20°C)	1.424 – 1.425
MAXIMUM LIMIT OF IMPURITIES	
Colour (APHA)	10
Non volatile matter	0.0003%
Acidity (HCl)	0.0003%
Free Chlorine (Cl)	0.001%
Water (KF)	0.01%
%T (Transmission) in a 1cm cell v/s H <sub>2</sub> O	
230 nm	≥ 5
233 nm	≥ 10
235 nm	≥ 25
240 nm	≥ 50
245 nm	≥ 80
250 nm	≥ 95
254 nm	≥ 98
255 nm	≥ 98
260-400 nm	≥ 99
Note(s) : Assay (if applicable) method mentioned.	
WARNING	
Hazard statements : Harmful if swallowed. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.	
Precautionary statements	
Prevention: Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace.	
IMDG Code : 6.1/III	
UN No. : 1593	
IATA : 6.1	





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<b>Response:</b> If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse.	
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.	
<b>Hazard Pictogram(s) :</b> <div data-bbox="587 645 738 817"> GHS07</div> <div data-bbox="790 645 941 817"> GHS08</div>	

Replace date 11-Nov-2025