



## TECHNICAL DATA SHEET

# DICHLOROMETHANE AR

### Methylene chloride

Article No.	204232500	Molecular Formula	CH <sub>2</sub> Cl <sub>2</sub>
H.S. Code	2903.1200	Molecular Weight	84.93
CAS No.	75-09-2		

## Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Chloroform-like odor
Melting point [°C]	-97 °C
Auto-ignition temperature [°C]	556 °C
Boiling point [°C]	39.8 - 40 °C
Initial boiling point [°C]	39.8 °C
Final boiling point [°C]	40 °C
Evaporation rate	0.71
Vapour pressure [20°C]	470.8 hPa at 20°C
Density [g/cm <sup>3</sup> ]	1.325
Solubility in water [% weight]	Slightly soluble
Partition coefficient Log Pow octanol / water at 20°C	1.25

## Specifications

Assay (GC) % Min 99.5  
Wt. per ml at 20°C 1.323 - 1.325g  
Refractive index  $n_D^{20}$  1.424 - 1.425  
Boiling range (95%) °C 38 - 41  
Water (H<sub>2</sub>O) % Max 0.05  
Acidity (HCl) % Max 0.001  
Non-volatile matter % Max 0.001  
Free chloride (Cl) % Max 0.0001  
Formaldehyde (H.CHO) % Max 0.0001  
Copper (Cu) % Max 0.00005  
Iron (Fe) % Max 0.00005  
Lead (Pb) % Max 0.0001

## Safety Information and Hazard Symbols



Symbol	GHS07, GHS08
Signal Word	Warning
UN No	1593
IMCO Class No.	6.1
Hazardous Statement	H315-H319-H335-H336-H351-H373
Precaution Statement	P201-P280-P202-P308+P313-P405-P501
Packing Group	III