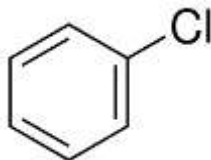


Product Information

CHLOROBENZENE 99.5 % AR

Monochlorobenzene, phenyl chloride, benzene chloride



Product Code	B-3109	Grade	Analytical Reagent
Purity	99,5%	CAS No	108-90-7
Molecular Formula	C ₆ H ₅ Cl	Molecular Weight	112.56 g/mol
H.S.Code	2903.9110	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	Weak	Melting Point/ Freezing point (°C)	-45°C
Boiling Point	132 °C	Flash point	27°C
Solubility in water (% weight)	0,207 g/l at 20 °C	Vapour pressure (20 °C)	12,05 hPa at 20 °C
Explosion limits-lower (%)	1,3 %	Density (g/cm ³)	1,106 g/cm ³ at 25 °C
Explosion limits-lower (%)	1,3 %	Explosion limits – upper (%)	11 %

Packaging

2500 ml

Specification

Appearance	A clear colourless liquid
Solubility	miscible with methanol, forming clear and colorless solution
Assay (GC)	min 99.5 %
Colour	max 10 Hazen
Wt. Per ml at 20 °C	1.105 – 1.107 g/cm ³
Refractive index (n _{20 D})	1.524 - 1.525
TBN (Total Base Number)	passes test
Free acid	max 0.0002 meq/ml
Free alkali	max 0.0002 meq/ml
Non-volatile matter	max 0.005 %
Water (H ₂ O)	max 0.05 %
Copper (Cu)	max 0.00005 %
Iron (Fe)	max 0.00005 %
Lead (Pb)	max 0.00005 %

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS09

Signal Word: Warning

UN No.: 1134

IMCO Class No.: 3

Packing Group: III

Hazardous Statement: H226-H315-H332-H411

Precaution Statement: P210-P233-P240-P273-P303+P361+P353-P304+P340+P312