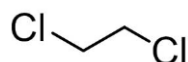


Product Information

1,2-DICHLOROETHANE AR

Ethylene Dichloride



Product Code	B-3035	Grade	AR
Purity	99,0%	CAS No	107-96-2
Molecular Formula	C ₂ H ₄ Cl ₂	Molecular Weight	98.96 g/mol
H.S.Code	2903.1500	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colourless
Auto ignition temperature (°C)	413°C	Melting Point/ Freezing point (°C)	-35 °C
Flash Point (°C)	13°C		
Initial boiling point (°C)	83°C	Vapour pressure (20 °C)	86 hPa at 20 °C
Relative density	1.256 g/cm ³ at 25°C		
Partition coefficient Low Pow octanol / wter at 20 °C	1.48 at 25°C	Explosion limits – upper (%)	16.2%
Solubility in water	8.69 g/l at 20°C	Explosion limits -lower (%)	6.2%

Packaging

500 ml & 2500 ml

Specification

Appearance	Clear colorless liquid
Assay (GC)	min 99.0 %
Color	max 10 Hazen
Wt.per ml at 20 °C	1.252 – 1.254 g/cm ³
Refractive Index (n ²⁰ _D)	1.443 – 1.445
Water (H ₂ O) (by KF)	Max 0.05 %
Non-volatile matter	max 0.002 %
Acidity (HCl)	max 0.001 %
Free chlorine (Cl)	max 0.0001 %
Copper (Cu)	max 0.0001 %
Iron (Fe)	max 0.0001 %
Lead (Pb)	max 0.0001 %

Substance reducing KMnO_4 (as O)

max 0.0001 %

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08

Signal Word: Danger

UN No.: 1184

IMCO Class No.: 3,6.1

Packing Group: II

Hazardous Statement: H225-H302-H315-H319-H331-H335-H350

Precaution Statement: P201-P210-P280-P308+P313-P370+P378-P403+P235