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Lee & Man Chemical

Product Name : Methyl Chloride (Chloromethane)

Molecular Formula : CH₃Cl

Appearance and Properties : Methyl Chloride is a clear colorless flammable toxic gas and is highly soluble in water, chloroform and acetone and soluble in ethanol etc.

Main Uses : Methyl chloride is mainly used in the manufacture of chloromethylsilane, silicones, tetramethyllead (anti-knocking agent). Some of it is used in the production of quaternary ammonium compounds, agricultural products and butyl rubber.

Analytical Standard : According to national standard HGT3674-2000.

Technical Data : Methyl chloride meets the following physical properties :

Item	Premium	Grade A	Pass
Purity/% ≥	99.5	99.0	98.0
Water/% ≤	0.010	0.080	0.150
Free acidity as HCl/% ≤	0.0015	0.005	0.008
Residue after evaporation/% ≤	0.0030	0.005	0.008

Packaging, Storage and Transportation : Methyl chloride is packed in cylinder or tanked track. It should be stored separately in a cool, dried and well-ventilated storehouse and kept away from fire and any heat source as well as oxidants. The temperature of the storehouse should be lower than 30 °C. The storehouse should be equipped with explosion proof lights and ventilation system. Emergency equipment for leakage incident should be installed.