

**Product: Methanol**

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## Technical Data Sheet

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Property	Unit	Specification	Test Method
Appearance		Bright and Clear	Visual
Purity (on dry basis)	% m/m	Min 99.85	IMPCA 001
Acetone	mg/kg	Max 30	IMPCA 001
Ethanol	mg/kg	Max 50	IMPCA 001
Color (Pt-Co)		Max 5	ASTM D1209
Water Content	Wt %	Max 0.10	ASTM E203
Distillation - IBP - DP	°C	Not more than 1.0 °C to include 64.6 +/- 0.1 °C	ASTM D1078
Specific Gravity (20/20 °C)	Mins	0.7910 - 0.7930	ASTM D1363
Permanganate Time of Methanol @15 °C	Mins	Min 50	ASTM D1363
Chloride	mg/kg	Max 0.50	IMPCA 002
Sulfur Content	mg/kg	Max 0.50	ASTM D5453
Carbonizables (Pt-Co)		Max 30	ASTM E346
Free Acid as Acetic Acid	ppm	Max 30	ASTM D1613
Iron	ppm	Max 0.10	ASTM E394
Non-Volatile Matter	mg/L	Max 8	ASTM D1353

### Description

Methanol is a clear, colourless, mobile liquid. It is completely miscible with water. being a primary alcohol, it is the first and most simple member of the alcohol group of chemicals.

#### Coatings Industry

Lacquer and thinner formulation where good solvency, high volatility is required.

#### Resins Industry

Production of Urea Formaldehyde and Phenol-Formaldehyde resins. These resins are used as bonding agents in chipboard and the MDF board industries.

#### Manufacture of other Chemicals

Large scale production of MTBE, acetic acid, chloromethanes, MMA, aldehydes, and other chemical derivatives.

#### Miscellaneous

Aircraft fuel, printing inks, adhesives, antifreeze, denaturant for ethanol, pharmaceuticals, etc.

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