



# Product Specification

## Product Name: METHANOL LR

Alternate Name(s) METHYL ALCOHOL

### Description

Colourless, clear, mobile, volatile liquid with a characteristic odour.

### Properties

Chemical Formula: CH<sub>3</sub>OH

Molecular Weight: 32.04

Product Code: ML004

CAS No. 67-56-1

### General Information:

Miscible with water, alcohols and ether. Highly flammable liquid.

### Hazard and Safety Data

UN Group: II  
Class: 3  
UN Number: 1230  
Hazchem code: 2WE  
CS MSDS Code: 1CH4F  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 16

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Melting Point	-97.8 °C
Flash Point	12 °C
Vapour Pressure	128 hPa (20 °C)
Specific Gravity	0.7924
Flamm. Limit LEL	6 Vol%
Flamm. Limit UEL	36.5 Vol%
Volatile Component	100%
Autoignition Temp.	455 °C
Evaporation Rate	2.1 (BuAc = 1)
Vapour Density	1.1 (air = 1)
Odour Threshold	2000 - 8800 ppm
Viscosity	0.52 mPas (20 °C)
Surface Tension	22.6 dynes/dm (20 °C)
Boiling Range (95% min.)	63-65 °C
Non-volatile matter	≤ 0.005%
Acidity	≤ 0.003%
Aldehydes & ketones (as (CH <sub>3</sub> ) <sub>2</sub> CO)	≤ 0.02%
R.I. @ 20 °C	1.328 - 1.329

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