



TECHNICAL DATA SHEET

METHANOL AR

Methyl alcohol

Article No.	213032500	Molecular Formula	CH ₃ OH
H.S. Code	2905.1100	Molecular Weight	32.04
CAS No.	67-56-1		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Colourless
Odour	Characteristic
Melting point [°C]	-98 °C
Flammability (solid, gas)	Highly flammable liquid and vapour.
Flash point [°C]	11 °C
Boiling point [°C]	64.7 °C
Vapour pressure [20°C]	96.5 (20° C)
Density [g/cm ³]	0.8
Relative density, gas (air=1)	1.1
Solubility in water [% weight]	Completely miscible
Explosion limits - upper [%]	36.50%
Explosion limits -lower [%]	5.50%

Specifications

Assay (GCL) Min 99.9 %
Acidity (meq/g) Max 0.0005%
Calcium (Ca) Max 0.00002 %
Carbonyl compounds Max 0.001 %
Colour APHA Max 5
Copper (Cu) Max 0.000002 %
Iron (Fe) Max 0.00001 %
Lead (Pb) Max 0.000002 %
Magnesium (Mg) Max 0.000005 %
Residue after evaporation Max 0.001 %
Substances darkened by H₂SO₄
(APHA)
Max 5
Substances reducing KMnO₄ Max 0.00025 %
Water Max 0.005 %

Zinc (Zn) Max 0.000005 %
Ethanol Max 0.05 %

Safety Information and Hazard Symbols



Symbol	GHS02, GHS06, GHS08
Signal Word	Danger
UN No	1230
IMCO Class No.	3,6.1
Hazardous Statement	H225-H301-H311-H331-H370
Precaution Statement	P240-P241-P210-P280-P271-P260-P233-P264-P270- P301+P310-P307+P311-P302+P352-P304+P340- P303+P361+P353-P363-P361-P370+P378-P403+P233+P235- P405-P501
Packing Group	II