



Product Specification

Product Name: METHANOL AR

Alternate Name(s) Methyl alcohol.

Description

Colourless, mobile, volatile liquid. Appearance: clear.

Properties

Chemical Formula: CH₃OH

Molecular Weight: 32.04

Product Code: MA004

CAS No.: 67-56-1

General Information:

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

Quality Specification

Assay: 99.9% min.

Specific Properties and Impurities [Typical levels]:

Flash Point	12 °C
Boiling Point	63-65°C
Density (kg/L at 15°C)	0.7952 - 0.7962
Colour	10
Residue after evaporation	0.001%
Titrate acid	0.0003 meq/g
Titrate base	0.0002 meq/g
Acetone	0.001%
Formaldehyde	0.001%
Acetaldehyde	0.001%
Subs darkened by H ₂ SO ₄	Passes test
Subs reducing KMnO ₄	Passes test
Solubility in water	Passes test
Water (H ₂ O)	0.1%
Aluminium (Al)	0.00002%
Arsenic (As)	0.000002%
Barium (Ba)	0.000005%
Beryllium (Be)	0.000002%
Bismuth (Bi)	0.000002%
Cadmium (Cd)	0.000002%
Chromium (Cr)	0.000002%
Cobalt (Co)	0.000002%
Copper (Cu)	0.000002%
Gallium (Ga)	0.000002%
Gold (Au)	0.000002%
Indium (In)	0.000002%

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

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Iron (Fe)	0.00001%
Lead (Pb)	0.000005%
Lithium (Li)	0.000002%
Magnesium (Mg)	0.000005%
Manganese (Mn)	0.000002%
Molybdenum (Mo)	0.000002%
Nickel (Ni)	0.000002%
Platinum (Pt)	0.000005%
Silver (Ag)	0.000002%
Thallium (Tl)	0.000002%
Tin (Sn)	0.000005%
Titanium (Ti)	0.000002%
Vanadium (V)	0.000002%
Zinc (Zn)	0.00002%
Zirconium (Zr)	0.000002%

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

**38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au**

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.