



Product Specification

Product Name: METHYL ACETATE LR

Alternate Name(s) Acetic acid methyl ester; Methyl ethanoate.

Description

Colourless, volatile liquid. Pleasant, fruity odour.

Properties

Chemical Formula: C₃H₆O₂

Molecular Weight: 74.08

Product Code: ML065

CAS No. 79-20-9

General Information:

Soluble in alcohol, ether, acetone, benzene and chloroform. Incompatible with Oxidising agents, strong acids, strong bases, rubber and various plastics. Combustible.

Hazard and Safety Data

UN Group: II
Class: 3
UN Number: 1231
Hazchem code: 2[Y]E
CS MSDS Code: 1CH9J
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 18

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Vapour Density (Air=1)	2.6
Vapour Pressure @ 20 °C	217 hPa
Boiling Point	58 °C
Melting Point	-98.05 °C
Flash Point (open cup)	-13 °C
Colour (Hazen)	≤ 10
Specific Gravity (20 °C)	0.930 - 0.934
Water (H ₂ O)	≤ 0.05%
Methanol %w/w	≤ 0.7%
Acidity (as Acetic Acid)	0.0035%
Distillation Range @ 750 mm Hg	55 - 57 °C
Evaporation Speed (Ethylether=1)	2.2
Non-volatile matter	≤ 0.001%

Risk

Highly flammable.
Irritating to eyes.

Safety

Keep away from sources of ignition - No smoking.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Do not empty into drains.
Take precautionary measures against static discharges.

Chem-Supply Pty Ltd - An ISO 9001:2008 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.