



# Product Specification

## Product Name: ABSOLUTE ALCOHOL 100% Denatured LR

Alternate Name(s) Ethyl alcohol.

### Description

Colourless, clear liquid; ethereal vinous odour.

### Properties

Chemical Formula:

Molecular Weight: 46.07

Product Code: AL048

CAS No. 64-17-5

### General Information:

Miscible with water, methanol and ether. Incompatible with oxidising agents, peroxides, acids, alkali metals and ammonia. Highly flammable liquid.

### Hazard and Safety Data

UN Group: II  
Class: 3  
UN Number: 1170  
Hazchem code: •2YE  
CS MSDS Code: 1CH88  
Poison schedule: S5  
Emergency  
Procedure Guide No.: 14

### Quality Specification

Typical Assay: 99.5% v/v min.

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

Methyl isobutyl ketone	0.25%
Denatonium benzoate	0.00066%
Water	≤ 0.81% by weight (max)
Flamm. Limit UEL	15%
Flamm. Limit LEL	3.5%
Flash Point	12°C c.c.
Specific Gravity	0.8 @ 20°C
Vapour Pressure	58.1 mbar @ 20°C
Boiling Point	78.3°C
Melting Point	-117.3°C

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### Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

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