

## **Product Specification**

## Product Name: ETHANOL Undenatured 96% AR

Alternate Name(s) Ethyl alcohol

**Description** 

Colourless, clear and volatile liquid; ethereal vinous odour; pungent taste.

**Properties** 

Chemical Formula:  $C_2H_5OH$ Molecular Weight: 46.07

**General Information:** 

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

**Quality Specification** 

Assay: 95.1% v/v min.

Specific Properties and Impurities [Typical levels]:

Colour (APHA) 10
Solubility in water Passes test
Residue after evaporation 0.001%
Acetone, Isopropyl alcohol Passes test
Titrable acid 0.0005 meq/g
Titrable base 0.0002 meq/g

Titrable base Methanol 0.1% Substances darkened by sulfuric acid Passes test Substances reducing permanganate Passes test Benzene 0.0002% 0.00005% Aluminium (Al) Barium (Ba) 0.000001% Cadmium (Cd) 0.000001% Calcium (Ca) 0.00005% Chromium (Cr) 0.000001% Cobalt (Co) 0.000001% Copper (Cu) 0.000001% Iron (Fe) 0.00005% Lead (Pb) 0.000001% Magnesium (Mg) 0.00005% Manganese (Mn) 0.000002% Nickel (Ni) 0.000001% Potassium (K) 0.0001% Sodium (Na) 0.0001% Strontium (Sr) 0.000002% 0.000001% Zinc (Zn)

Product Code:

CAS No.:

EA042

64-17-5

UN Group: II
Class: 3
UN Number: 1170
Hazchem code: •2YE
CS MSDS Code: 1CH89

Hazard and Safety Data

Poison schedule: Not Scheduled

Emergency

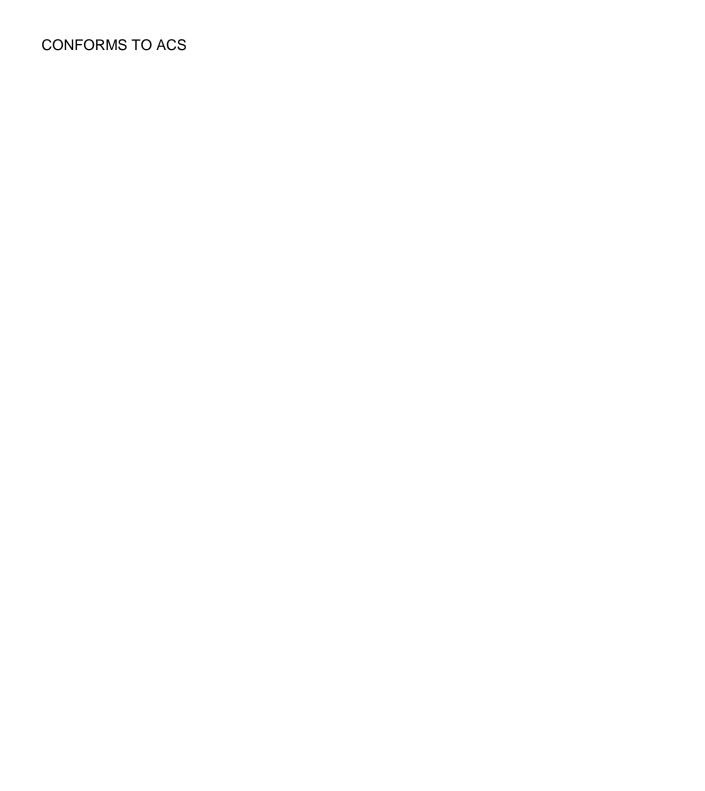
Procedure Guide No.: 14

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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

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