



# Product Specification

## Product Name: PROPAN-2-OL AR

Alternate Name(s) Isopropanol; Isopropyl alcohol; 2-Propanol.

### Description

A clear colourless liquid with no opalescence and with characteristic and non-residual odour.

### Properties

Chemical Formula: C<sub>3</sub>H<sub>7</sub>OH

Molecular Weight: 60.10

Product Code: PA013

CAS No.: 67-63-0

### General Information:

Miscible with water. Soluble in alcohol and ether. Incompatible with strong oxidising agents. Flammable; keep away from heat, sparks and naked flames.

### Hazard and Safety Data

### Quality Specification

Assay: 99.8% min.

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

Boiling point	82°C
Specific gravity	0.79
Solubility in water	Passes test
Colour (APHA)	10
Water (H <sub>2</sub> O)	0.2%
Titrate acid or base	0.0001 meq/g
Residue after evaporation	0.001%
Acetone	0.01%
Ethanol	0.01%
Isopropyl ether	0.01%
Methanol	0.01%
Propan-1-ol	0.1%
Carbonyl compounds	0.002%
Chloride (Cl)	0.00003%
Nitrate (NO <sub>3</sub> )	0.00003%
Phosphate (PO <sub>4</sub> )	0.00005%
Sulfate (SO <sub>4</sub> )	0.0001%
Substances reducing permanganate (as O)	0.0002%
Aluminium (Al)	0.00005%
Antimony (Sb)	0.000002%
Arsenic (As)	0.000002%
Barium (Ba)	0.00001%
Beryllium (Be)	0.000002%
Bismuth (Bi)	0.000002%
Boron (B)	0.000002%
Cadmium (Cd)	0.000005%

UN Group:	II
Class:	3
UN Number:	1219
Hazchem code:	•2YE
CS MSDS Code:	1CH5R
Poison schedule:	Not scheduled
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

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Calcium (Ca)	0.00005%
Chromium (Cr)	0.000002%
Cobalt (Co)	0.000002%
Copper (Cu)	0.000002%
Gallium (Ga)	0.000002%
Germanium (Ge)	0.000002%
Gold (Au)	0.000002%
Indium (In)	0.000002%
Iron (Fe)	0.00001%
Lead (Pb)	0.00001%
Lithium (Li)	0.000005%
Magnesium (Mg)	0.00001%
Manganese (Mn)	0.000002%
Molybdenum (Mo)	0.000002%
Nickel (Ni)	0.000002%
Silver (Ag)	0.000002%
Thallium (Tl)	0.000002%
Tin (Sn)	0.00001%
Titanium (Ti)	0.000002%
Vanadium (V)	0.000002%
Zinc (Zn)	0.00001%
Zirconium (Zr)	0.000002%

CONFORMS TO ACS

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