



# Product Specification

## Product Name: Butan 2 ol AR

Alternate Name(s) Butyl alcohol (sec) AR

### Description

Colourless, Clear liquid.

### Properties

Chemical Formula: C<sub>4</sub>H<sub>10</sub>O

Molecular Weight: 74.12

Product Code: BA013

CAS No. 78-92-2

### General Information:

### Hazard and Safety Data

### Quality Specification

Assay: 99.5% min. (G.C)

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

Colour (Hazen)	≤ 10
Water	≤ 0.2%
Acidity (as CH <sub>3</sub> COOH)	≤ 0.003%
Alkalinity	≤ 0.02 ml N%
Non-volatile matter	≤ 0.001%
Butanone (CH <sub>3</sub> CH <sub>2</sub> COCH <sub>3</sub> )	≤ 0.1%
Di-n-butyl ether [(C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> O]	≤ 0.2%
2-Methylpropan-2-ol [(CH <sub>3</sub> ) <sub>3</sub> COH]	≤ 0.1%
Propan-2-ol [(CH <sub>3</sub> ) <sub>2</sub> CHOH]	≤ 0.2%
Aluminium (Al)	≤ 0.00005%
Barium (Ba)	≤ 0.00001%
Cadmium (Cd)	≤ 0.000005%
Calcium (Ca)	≤ 0.00005%
Chromium (Cr)	≤ 0.000002%
Cobalt (Co)	≤ 0.000002%
Copper (Cu)	≤ 0.000002%
Iron (Fe)	≤ 0.00001%
Lead (Pb)	≤ 0.000005%
Magnesium (Mg)	≤ 0.000005%
Manganese (Mn)	≤ 0.000002%
Nickel (Ni)	≤ 0.000002%
Potassium (K)	≤ 0.00001%
Sodium (Na)	≤ 0.00005%
Tin (Sn)	≤ 0.00001%
Zinc (Zn)	≤ 0.00001%

UN Group:	III
Class:	3
UN Number:	1120
Hazchem code:	•2Y
CS MSDS Code:	1CH11
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	16

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