



## N-Butanol

CAS Number	Formula
71-36-3	C <sub>4</sub> H <sub>10</sub> O

Normal butanol (n-butanol) is a primary alcohol with a molecular formula of C<sub>4</sub>H<sub>10</sub>O. N-butanol is a colourless liquid of medium volatility and a characteristic banana-like odour. It only has limited miscibility in water, however is easily soluble in regular solvents such as ethers, alcohol, glycols and hydrocarbons. This solvent is very flammable. The major use n-butanol is in the industrial arena

### SPECIFICATION

N-Butyl Alcohol	99.88 wt.%
B-Butyraldehyde	0.00140 wt.%
1-Butyl Alcohol	0.3360 wt.%
N-Butyl Ether	0.01600 wt.%
Acidity as Acetic Acid	0.0007 wt.%
Water	0.010 wt.%
Carbonyl as (C=O)	0.00623 wt.%
Iron	0.01 ppm
Color (Pt-Co)	2.2
Specific Gravity at 20/20°C	0.8110
Appearance	Clear Clean Liquid
Non-Volatile Matter	< 0.0010 g/100mL

**MAJOR USE:** Solvent for paints, lacquers & varnishes, natural & synthetic resins, gums, vegetable oils, dyes & alkaloids. It is used primarily as an industrial intermediate in the production of ethers and butyl ether acetates, pharmaceuticals, polymers and plastics.

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