



PETRONAS

PRODUCT DATA SHEET

N-Butanol

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Normal Butanol
CAS number : 71-63-3
Type : Solvent

Butanol is a clear, colourless flammable liquid. It is miscible with water and almost all other organic solvent.

APPLICATIONS:

- Paint & Coating
- Ink
- Textile processing
- I&I cleaning products
- Chemical intermediate
- Fuel Component

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Normal butanol	wt%, max	99.8 – 100.0
Iso-butanol	wt%, max	0.1
Acidity	wt%, max	0.003
Water	wt%, max	0.05
Colour	PtCo, max	5
Sulfuric acid colour	PtCo, max	25
Molecular weight	g/mol	74.12
Viscosity @ 20°C	cP	3.0
Surface tension (1% @ 25°C)	dynes/cm	24.2
Flash point, PMCC	°C	35
Boiling point @ 760 mmHg	°C	118
Freezing point	°C	-89.0
Relative evaporation rate. nBuAc = 1	-	0.44

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001

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