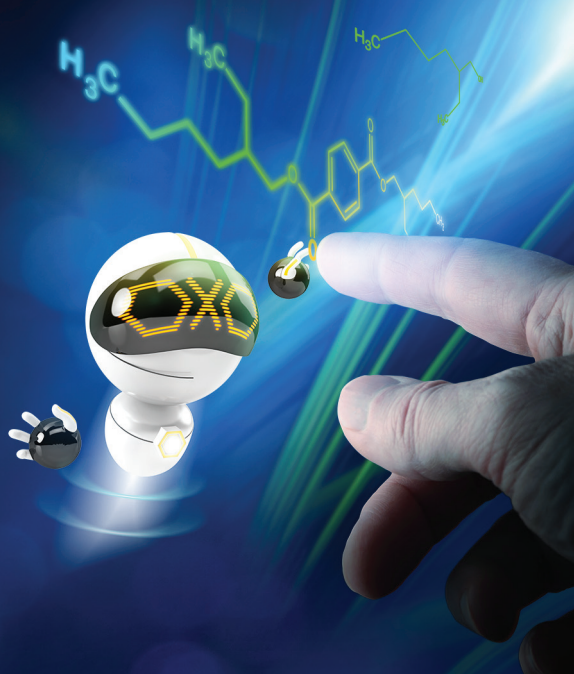


OXO alcohols

n-Butanol

PROVEN QUALITY,
INNOVATIVE APPLICATIONS



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AZOTY**

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n-Butanol

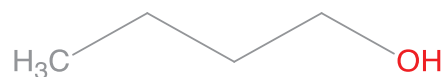
Trade name: n-Butanol

Chemical name: Butan-1-ol, n-Butanol

CN: 2905 13 00

CAS: 71-36-3

PKWiU: 20.14.22.9



Item	Specification	Value	Unit	Test method	Foreign equivalent
1	n-Butanol,	min. 99.8	[wt %]	ZAK's internal method (GC)	GC
2	Colour, Pt-Co scale,	max. 5	[APHA]	PN-C-04534-01:1981	ISO 6271
3	Density at 20°C ¹ ,	min. 0.810 max. 0.812	[g/cm ³]	PN-C-04504:1992	Areometric method
4	Acids as acetic acid ¹ ,	max. 0.005	[wt %]	ZAK's internal method	ASTM D 1613
5	Aldehydes as butyraldehyde ¹ ,	max. 0.05	[wt %]	ZAK's internal method	BS 4583
6	Water content,	max. 0.05	[wt %]	PN-EN ISO 12937:2005	ISO 12937:2000

¹ These parameters are covered by the producer's guarantee, to be analyzed in case of a claim only.

General requirements:

n-Butanol is a colourless and clear liquid, with the specific odour.

Application(s):

In the production of:

- esters (which are used as solvents and flavouring agents)
- paints and varnishes (solvent, agent which prevents fogging, improves fluidity and reduces viscosity of waterborne paints)
- plastics additives (plasticisers)
- melamine-formaldehyde and urea-formaldehyde resins (solvent or butylating agent)
- agricultural auxiliaries (butylamines)
- floatation agents
- ethers of ethylene and propylene glycols.

It is also used as:

- solvent (in the textile and paint and varnish industries)
- extraction solvent in the production of medicinals; component of anti-icing blends and anti-corrosive additives.