



OXO plant by night, photo: Grupa Azoty ZAKSA.



**OXO** Alcohols

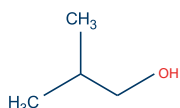
# Isobutanol

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Oxoplast®**  
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**GRUPA  
AZOTY**

**Trade name:** Isobutanol  
**Chemical name:** 2-Methylpropan-1-ol, isobutanol

**CN:** 2905 14 90  
**CAS:** 78-83-1  
**PKWiU:** 20.14.22.9



Item	Specification		Value	Unit	Test method	Foreign equivalent
1	isobutanol	min.	99.8	[wt %]	Internal method of Grupa AzotyZAK S.A. (GC)	GC
2	n-butanol	max.	0.10	[% m/m]	Internal method of Grupa AzotyZAK S.A. (GC)	GC
3	colour	max.	5	[Pt-Co]	PN-C-04534-01:1981 PN-EN ISO 6271:2016-01	ISO 2211 ISO 6271
4	density at 20°C	min. max.	0,802 0,804	[g/cm <sup>3</sup> ]	PN-EN ISO 12185:2002	ISO 12185
5	acids as acetic acid	max.	0,003	[wt %]	Internal method of Grupa AzotyZAK S.A.	ASTM D 1613
6	aldehydes as butyraldehyde	max.	0,05	[wt %]	Internal method of Grupa AzotyZAK S.A.	BS 4583
7	water content	max.	0,10	[wt %]	PN-EN ISO 12937:2005	ISO 12937

**Isobutanol** is mainly used in the production of: esters (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.

Isobutanol is a colourless and clear liquid, with the specific odour. Isobutanol is REACH registered according to EC regulation No. 1907/2006.



<https://oxoplast.com/en/oxo-alcohols/isobutanol>