



OXO plant by night, photo, Grupa Azoty ZAKSA.



Aldehydes

# Isobutyraldehyde

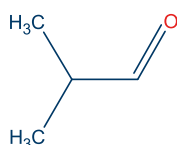
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Oxoplast®**  
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## Isobutyraldehyde

**Trade name:** Isobutyraldehyde  
**Chemical name:** Isobutanal; 2-methylpropanal

**CN:** 2912 19 00  
**CAS:** 78-84-2  
**PKWiU:** 20.14.61.0



Item	Specification		Value	Unit	Test method	Foreign equivalent
1	colour	max.	10	[Pt-Co]	PN-C-04534-01:1981 PN-EN ISO 6271:2016-01	ISO 2211 ISO 6271
2	acid numbers	max.	1	[mg KOH/g]	Internal method of Grupa Azoty ZAK S.A.	No equivalent
3	n-Butyraldehyde content	max.	0,15*	[wt %]	Internal method of Grupa Azoty ZAK S.A. (GC)	GC
4	water content	max.	1.5	[wt %]	PN-ISO 760:2001	ISO 760
5	Isobutyraldehyde content	min.	99.7*	[wt %]	Internal method of Grupa Azoty ZAK S.A. (GC)	GC

\* these values give no consideration to the water content in the product.

**Isobutyraldehyde** makes a feed for the synthesis of alcohols, acids, amines and esters. It is used in the chemical processes for the production of plasticisers, pharmaceuticals, crop protection products, synthetic resins, fragrances, solvents and various additives which are used in numerous branches of the industry (antioxidants, wetting agents, perfume components, improving agents, etc.).

Isobutyraldehyde is a colourless and clear liquid, with the specific odour which is pungent, acid and penetrating. Isobutyraldehyde is REACH registered according to EC regulation No. 1907/2006. Pursuant to the REACH Regulation, it must be used for chemical processing in order to be transformed into another substance only.



<https://oxoplast.com/en/aldehydes/isobutyraldehyde>