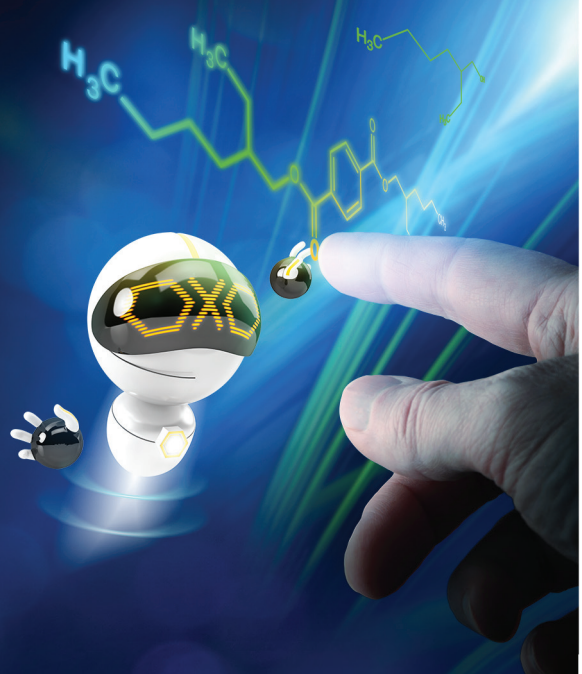


OXO alcohols

2-Ethylhexanol

PROVEN QUALITY,
INNOVATIVE APPLICATIONS



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2-Ethylhexanol

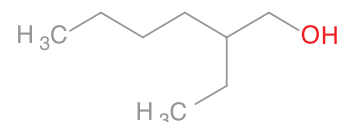
Trade name: 2-Ethylhexanol

Chemical name: 2-Ethylhexan-1-ol

CN: 2905 16 85

CAS: 104-76-7

PKWiU: 20.14.22.9



Item	Specification	Value	Unit	Test method	Foreign equivalent
1	2-Ethylhexanol,	min. 99.7	[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. 0.832 max. 0.834	[g/cm ³]	PN-C-04504:1992	Areometric method
4	Acids as acetic acid ¹ ,	max. 0.01	[wt %]	ZAK's internal method	ASTM D 1613
5	Aldehydes as 2-ethylhexanal 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:

2-Ethylhexanol is a clear and colourless liquid, with the specific odour.

Application(s):

In the production of:

- low-volatility esters which are then used as plasticisers in plastics
- additives which improve thermal stability and oxidation resistance of plastics
- surface active agents
- anti-foaming agents for the textile and paper-making industries
- solvents for extraction processes
- brake fluids
- fuel improvers (2-ethylhexyl nitrate)
- 2-ethylhexyl acrylate
- ethoxylated mixes (ethylene oxide derivatives)
- auxiliaries for agriculture
- components for fire-retardant formulations (brominated derivatives), cosmetics and pharmaceuticals.

It is also used as:

- low-volatility solvent for vegetable oils, animal fats, resins, waxes and petrochemical products
- component of low-volatility solvent systems which are used in the dye industry and/or in the paint and lacquer industry (e.g. in printer's inks, in stamp inks, in dip painting systems, etc.)
- additive which improves plastic formability and gloss of thermosetting plastics and hot-laid linings
- dispersing and wetting agent in colour pastes.