



OXO plant by night, photo, Grupa Azoty ZAKSA.



OXO Alcohols

2-Ethylhexanol

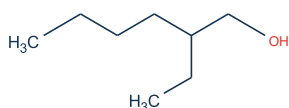
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**GRUPA
AZOTY**

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 %] | Internal method of Grupa AzotyZAK S.A. (GC) | GC |
| 2 | butanols | max. | 0,05 | [% 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 | sulphuric acid test, Pt-Co scale | max. | 20 | [APHA] | Internal method of Grupa AzotyZAK S.A. | ASTM D 1209 |
| 5 | density at 20°C | min. max. | 0,832 0,834 | [g/cm³] | PN-EN ISO 12185:2002 | ISO 12185 |
| 6 | acids as acetic acid | max. | 0,01 | [wt %] | Internal method of Grupa AzotyZAK S.A. | ASTM D 1613 |
| 7 | aldehydes as 2-ethylhexanal | max. | 0,05 | [wt %] | Internal method of Grupa AzotyZAK S.A. | BS 4583 |
| 8 | water content | max. | 0,05 | [wt %] | PN-EN ISO 12937:2005 | ISO 12937 |

2-Ethylhexanol is used 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, 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.

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



<https://oxoplast.com/en/oxo-alcohols/2-ethylhexanol>