



2- ETHYLHEXANOL

Form	Liquid	
Color	Colourless	
Odour	Alcohol like	
Odour threshold	Not determined	
pH value	Neutral, of low solubility	
Melting point	-89 °C	(ASTM D97)
Boiling point	186 °C (1,013 hPa)	(OECD Guideline 103)
Flash point	75 °C	(closed cup)
Evaporation rate	Value can be approximated from Henry's Law Constant or vapor pressure.	
Flammability (solid/gas)	Combustible liquid	(derived from flash point)
Lower explosion limit	For liquids not relevant for classification and labeling. The lower explosion point may be 5 - 15°C below the flash point.	
Upper explosion limit	For liquids not relevant for classification and labelling	
Ignition temperature	280 °C	(Directive 92/69/EEC, A.15)
Thermal decomposition	No decomposition if stored and handled as prescribed/indicated.	
Self-ignition	not self-igniting	Test type: Spontaneous self-ignition at room-temperature
Self-heating ability	It is not a substance capable of spontaneous heating	
Explosion hazard	Based on the chemical structure there is no indication of explosive properties	(other)
Fire promoting properties	Based on its structural properties the product is not classified as oxidizing	(other)
Vapor pressure	< 1 hPa (20 °C)	(measured)
Density	0.832 g/cm ³ (20 °C)	(ASTM D4052)
Relative density	0.832 (20 °C)	(ASTM D4052)
Relative vapor density (air)	4.49 (20 °C) Heavier than air.	(calculated)
Solubility in water	0.9 g/l (20 °C)	
Partitioning coefficient n-octanol/water (log Pow)	2.9 (25 °C; pH value: 7)	(OECD Guideline 117)
Adsorption/water-soil	KOC: 35.28; log KOC: 1.55	(calculated)
Surface tension	47 mN/m (20 °C; 0.81 g/l)	(OECD Guideline 115)
Viscosity, dynamic	9.845 mPa.s (20 °C)	
Molar mass	130.23 g/mol	