PRODUCT SPECIFICATION

2-Ethylhexyl acrylate „2 EHA“

Synonyms: 2-ethylhexyl acrylate, 2-ethylhexyl ester of acrylic acid, 2-ethyhexyl prop-2-enoat

CAS: 103-11-7 **Chemical Formula:** $C_{11}H_{20}O_2$ **Structural:** $CH_3(CH_2)_3$-CH-CH-OOCC=CH_2
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C_2H_5

Parameters:

Color, Hazen units, max	10
Mass fraction of 2-EHA, %, min	99.6
Mass fraction of water, %, max	0.05
Mass fraction of acids (calculated as acrylic acid), %, max	0.005
Mass fraction of MEHQ (inhibitor), ppm	15±5

Physical state	Colorless transparent liquid with persistent unpleasant odor
Molecular weight	184,28
Flash point:	
- in closed crucible	79 ℃
- in open crucible	92 ℃
Self-ignition temperature	245 ℃
Ignition temperature	104 ℃
Solubility in water (at 20ºC)	10-100 mg/dm^3
Solubility in organic solvents	Mutual solubility with butyl alcohol

Packing: bulk (rtcs, Iso-tank, vessel)