

PRODUCT SPECIFICATION

BUTYLACRYLATE

Synonyms: Acrylic Acid Butyl Ester / Propenoic Acid Butyl Ester / Butyl-propenoate

CAS: 141-32-2

Chemical Formula: C₇H₁₂O₂

Structural: CH₂=CH-COO-C₄H₉

Parameters:

Color, Hazen units, max.	- 10
Mass fraction of butyl acrylate, %, min.	- 99.5
Mass fraction of water, %, max.	- 0.05
Mass fraction of acrylic acid, %, max.	- 0.005
Mass fraction of butyl propionate, %, max.	- 0.05
Mass fraction of n-butyl alcohol, %, max.	- 0.1
Mass fraction of butyl acetate, %, max.	- 0.1
Mass fraction of inhibitor (MEHQ)*, ppm	- 15±5*

Physical state	Colorless transparent liquid with unpleasant odor
Molecular weight	128.17
Specific weight (ρ) (at 20°C)	0.899 g/cm ³
Boiling temperature	147 °C
Melting point	minus 64.6 °C
Flash point:	
- in closed crucible	38 °C
- in open crucible	48 °C
Self-ignition temperature	280 °C
Ignition temperature	51 °C
Solubility in water (at 20°C)	200mg/l
Solubility in organic solvents	Mutual solubility with butyl alcohol
Viscosity (at 25°C)	0.81 cps
Specific resistance	
	3.9x10 ⁹ ohm·cm
Evaporation heat	71 cal/g

*...as agreed with a consumer, it is allowed to change inhibitor content

COMPANY COMMUNICATION:

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COMPANY ADDRESS:

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AUSTRIA

COMPANY DETAILS:

Place of Jurisdiction: Vienna

Commercial Register Nr.: FN 229446X

VAT Registration No. ATU 56388233