

Technical Data Sheet

2-Ethylhexyl Acrylate

MATERIAL COMPOSITION

ITEMS	SPECIFICATIONS
Purity (wt%)	≥ 99.5
Chroma (Hazen Unit)	≤ 10
Acidity (In Acrylic Acid)	≤ 0.01
Water (wt%)	≤ 0.10
Aldehyde (MEHQ)(10 ⁻⁶)	15±5

PHYSICAL PROPERTY

PHYSICAL STATE	Liquid
COLOR	Colorless
SMELL	Sweet
MELTING/FREEZING POINT	-90°C (1.013kPa)
BOILING POINT AND BOILING RANGE	213.5°C (1.013kPa)
FLASH POINT	82°C (1.013kPa)
EVAPORATION RATE	0.03

LOWER EXPLOSIVE LIMIT	0.8% (V/V)
UPPER EXPLOSIVE LIMIT	6.4% (V/V)
VAPOR PRESSURE	2.0hPa (20°C)
THE RELATIVE DENSITY OF STEAM	6.35 (air=1)
RELATIVE DENSITY	0.8869(20°C) (water=1)
WATER SOLUBILITY	0.01% at25°C
n-OCTANOL/WATER PARTITION CODFFICIENT	3.67(20°C,pH>1)
AUTOIGNITION TEMPERATURE	252°C (1.013kPa)
DENSITY	0.885g/mL (20°C)
VISCOSITY, DYNAMIC	1.54mPa.s (25°C)
SOLUBILITY	Insoluble in water, but soluble inmost organic solvents.