

Technical Data Sheet

Monoethanolamine

TYPICAL PROPERTIES

PROPERTIES	STANDARD
Physical state at 20°C and 1013 hPa	The substance is an organic, colourless, viscous liquid with unpleasent, fishy, ammoniacal odour
Melting / freezing point	10.5 °C
Boiling point	170.3 °C at 1013.25 hPa
Relative density	1.02 g/cm ³ at 20 °C
Vapour pressure	0.5 hPa at 20 °C
Surface tension	not surface active
Water solubility	> 1000g/l at 20°C (pH 12,1)
Partition coefficient n-octanol/water (log value)	-1.91 at 25 °C at pH 7.3
Flash point	92.5 °C at 1013,25
Flammability	Non flammable upon ignition. The substance has no pyrophoric properties and does not liberate flammable gases on contact with water.
Explosive properties	non explosive
Self-ignition temperature	410 °C
Oxidising properties	no oxidising properties
pH value	12.1
Dissociation constant	9.5 at 25 °C
Viscosity	23.18 mPa_s at 20 °C 9.80 mPa_s at 40 °C