

TIQ-F-QC-003
 Rev.00

Technical Data Sheet

DIETHYLENE GLYCOL MONOBUTYL ETHER 98%

2-(2-butoxyethoxy)ethanol, Butyl digol, Butyl carbitol



Product Code	B-3111	Grade	For Synthesis
Purity	98 %	CAS No	112-34-5
Molecular Formula	C ₈ H ₁₈ O ₃	Molecular Weight	162,23 g/mol
H.S.Code	2909.4300	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colourless
Odour	very faint, characteristic	Melting Point/ Freezing point (°C)	-68 °C
Boiling Point	231 °C at 1.013 hPa	Flash point	99 °C
pH value	7 at 20 °C neutral	Vapour pressure (20 °C)	40 hPa at 130 °C
Solubility in water (% weight)	1000 g/l at 20°C	Density (g/cm³)	0,954 g/cm ³ at 20 °C
Explosion limits-lower (%)	0,9 %	Explosion limits – upper (%)	6,2%
Auto-ignition temperature (°C)	210 °C at 1.013 hPa	Viscosity, dynamic	6,49 mPa.s at 20 °C
Partition coefficient: noctanol/water	log Pow: 1 at 20 °C		

Packaging

500 ml

Specification

Appearance	Clear and colorless liquid
Assay (by GC)	min 98.0 %
Solubility	miscible with water & methanol forming clear & colourless liquid
Water (by KF)	max 0.5 %
Peroxide (as H ₂ O ₂)	max 0.05 %
Wt.per ml at 20°C	0.952 - 0.956 g/cm ³

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H319

Precaution Statement: P264-P280-P305+P351+P338-P337+P313

Labotiq