



岳阳昌德新材料有限公司

Yueyang Changde New Materials Co., Ltd.

Technical Data Sheet

Product Name:	Propylene glycol monobutyl ether		
Synonyms:	Propylene glycol n-butyl ether; Propylene glycol butyl ether; Propanediol butyl ether		
CAS#:	5131-66-8	Abbr.:	PNB
Chemical Formula:	C ₇ H ₁₆ O ₂	Molecular Weight:	132.32
Appearance:	Clear Liquid	Content (GC)% :	≥99.0
Boiling Point(°C):	171°C at 760 mmHg	Freezing Point (°C) :	-90
Density :	0.879 g/cm ³	Flash Point (°C):	71
Acidity (acetate meter)% :	≤0.01	Water (Karl Fischer method)%	≤0.1
Hazen (Pt-Co):	≤10	Packaging:	180KG/Drum General cargo
Solubility:	Slightly soluble in water, soluble in alcohol	Vapour pressure:	0.0±1.2mmHG at 25°C
Storage:	Store in a cool, dry, well ventilated place and out of direct sunlight.		
Stability:	Stable under proper operation and storage conditions		
Applications:	<ul style="list-style-type: none">• Coupling agent and solvent in household and industrial cleaners, grease and paint removers, metal cleaners, and hard surface cleaners.• Effective coupling agent and efficient solvent for water-reducible coatings.• Effective coalescent for lowering minimum film formation temperature (MFFT) in water-borne latex coatings.• Active solvent for solvent-based coatings.• Chemical intermediate for the production of epoxides, acid ester derivatives, solvents, and plasticizers.• Effective coupling agent in waterbased agricultural formulations.		
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