

Technical Data Sheet

Basic information

Chemical name	Diethylene Glycol Monobutyl Ether	Formula	C8H18O3
Synonyms	Butyl Carbitol / Butyl Diglycol / DGBE	Chemical structure	
CAS.No.	112-34-5		
EINECS No.	203-961-6		
Molecular weight	162.23		

Physical properties

Appearance	Colorless transparent liquid
Density, 20°C, g/cm ³	0.967
Boiling point, °C	231
Melting point, °C	-68
Flash point, °C	100
Refractive index	1.432
Solubility	Soluble in water, ethanol, ether, oil and a variety of organic solvents.

Specification

Items	Enterprise Standard
Appearance	Colorless transparent liquid
Assay, %	≥ 99.0
Moisture, %	≤ 0.10
Acidity (HAC), %	≤ 0.01
Color (Pt-Co)	≤ 15
Distillation Range, °C	227.0-235.0

Application

- 1) Because of its high boiling point, low volatility, can be used as paint, ink, resin and other solvents, soluble oils, dyes, resins, nitrocellulose, etc., also used for organic synthesis.
- 2) Mainly used in solvents, for coatings, dyes, resins, etc., also used as plasticizer intermediates and hydraulic brake liquid thinner, in addition to the production of piperonyl butoxide compounds.
- 3) Mainly used as paint, printing ink, stamp printing ink, oil, resin and other solvents, can also be used as metal detergents, paint remover, de-lubricating oil, car engine detergent, dry cleaning solvent, epoxy resin, Pharmaceutical extractants; stabilizers for latex paints, evaporative inhibitors for aircraft coatings, surface processing improvers for high temperature baking enamels
- 4) Nitrocellulose, varnish, printing ink, oil, resin and other solvents. Plastic intermediates

Package

- 200kg iron drum, 16mt per 20' container



Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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