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# Solvenon® DPnB

Solvenon® DPnB is a colorless, relatively hardly volatile, low odor solvent.

## Chemical nature

Dipropylene glycol monobutyl ether, Butoxy dipropanol, Isomer mix

Molecular formula	C <sub>10</sub> H <sub>22</sub> O <sub>3</sub>
Molar mass	190.28 g/mol
CAS-No.	29911-28-2
EC-No.	249-951-5

## Delivery specification

Property	Value	Unit	Test method
- Butoxy propanols	98.0 min.	%	GC-Method BASF
- Water	0.1 max.	%	DIN 51777, Part 1
Pt/Co color value (Hazen)	20 max.	-	DIN EN ISO 6271
Acid value	< 0.1	mg KOH/g	DIN EN ISO 2114

## Properties

Solvenon® DPnB has both lipophilic and hydrophilic properties. It is mixable with various other solvents. Due to its molecular weight and plasticizing effect, Solvenon® DPnB is, for example, an excellent film-forming agent. Its evaporation and spreading characteristics also make Solvenon® DPnB highly suitable for use in cleaning agents.

**Physical data**

The following physical data were measured in the BASF SE laboratories. They do not represent any legally-binding guarantee of properties for our sales product.

Property	Condition	Value	Test method
Boiling range	at 1013 hPa	225°C – 235°C	
Density	at 20°C	0.905 – 0.925 g/cm <sup>3</sup>	DIN 51757
Refractive index $n_{20D}$		1.426 – 1.428	DIN 51423
Evaporation rate	ether = 1	Approx. 1400	DIN 53170

**Applications**

Uses of Solvenon® DPnB include:

- As a film-forming agent, e. g. in acrylate, styrol acrylate and polyvinyl acetate dispersions
- In solvent-based coating materials
- In household and industrial cleaning agents
- In cosmetic formulations
- As a paint stripper and metal cleaner.

**Storage & Handling**

Solvenon® DPnB should be stored under nitrogen. The storage temperature must not exceed 40°C and moisture are excluded. Under these conditions, a storage stability of 12 months can be expected.

**Safety**

When using this product, the information and advice given in our Safety Data Sheet should be observed. Due attention should also be given to the precautions necessary for handling chemicals.

**Note**

The data contained in this Technical Information is based on our current knowledge and experience as well as our investigations according to the today's state-of-the-art. In view of the many factors that may affect processing and application of the Product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the Product for specific purpose. No liability of BASF can be derived therefrom. It is the responsibility of the recipient of the Product to ensure that any proprietary rights and existing laws and legislation are observed.

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BASF SE - Industrial Petrochemicals Europe  
E-CPI/M - H201  
67056 Ludwigshafen, Germany

Visit us online at <http://www.solvents.basf.com>