

**PUROLAN® PD-LO natural****Properties**

PUROLAN® PD-LO natural is a colorless and nearly odourless liquid of low viscosity. It is completely miscible with water. PUROLAN® PD-LO natural is derived from 100 % renewable resources, GMO-free and especially suitable for green cosmetics.

**Specification**

PARAMETER	UNIT	SPECIFICATION
1,2-Pentanediol (GC)	%	≥99.00
Water (Karl Fischer)	%	≤1.00
Appearance		Clear, colourless liquid
Odor		Odourless or faint
Density at 20 °C	g/cm <sup>3</sup>	0.966 - 0.976
Refractive Index at 20°C		1.434 - 1.444

*Specification values are subject to constant monitoring.*

**Physical / Chemical Data**

PARAMETER	UNIT	SPECIFICATION
Boiling point	°C	206
Melting point	°C	-40
Flash point	°C	105
Ignition temperature	°C	380

*Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding.*

Safety data and information relating to environmental aspects can be found in the safety data sheet, which is available on request from the address below.

**Storage / Handling / Labeling**

Please refer to our Safety Data Sheet.

**Shelf Life**

1 year in original sealed containers.

**Packaging**

180 kg Drum  
25 kg Canister  
720 kg IBC

### PUROLAN<sup>®</sup> PD-LO natural

#### Additional Information

INCI:	Pentylene Glycol
CAS No.:	5343-92-0
EINECS:	226-285-3
REACH:	Registration no 01-2119491291-39
Approved:	COSMOS

#### Application

All applications where one of its functions is desired.

#### Advantages

- Multifunctional Ingredient
- Completely water miscible
  - Low melting point

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. In the United States of America the LANXESS business is conducted by LANXESS Corporation, Pittsburgh, PA. Customers in the US are kindly asked to address their requests directly to this legal entity.

Issue number: UVP 62155257; Version 1 / Date of issue: May 15, 2019 / Information current as of date of issue.  
Please contact your LANXESS representative to determine if this publication has been revised.