

DI-PROPYLENE GLYCOL

TECHNICAL GRADE

Last revision 2011

Chemical Name: Di-propylene Glycol
 Abbreviation: DPG
 CAS: 25265-71-8

General Description:

Di-propylene Glycol is a product obtained in the synthesis conditions of monopropylene glycol.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	clear liquid, colorless to slightly yellowish, without mechanical impurities	visual
Di-propylene glycol, min	%	80	ILL-003/3-01-30
Monopropylene glycol, max	%	15	ILL-003/3-01-07
Water (Karl-Fischer), max.	%	1	ASTM E 203
Acidity (CH ₃ COOH), max.	%	0.01	ASTM D 1613

Specific Properties:

Density at 20°C, g/cm ³	1.025
Boiling point (range)	190-230°C at 760 mmHg pressure
Ignition temperature	126.7°C
Flammability	Not flammable

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

Main Applications:

- hydraulic liquids preparation
- industrial cooling liquids



Packing and storage:

Di-propylene Glycol is packed in stainless steel or carbon steel tanks with adequate internal protection, with a capacity of 20 or 40 tons, property of supplier or customer, or in other stainless steel or aluminum, clean and dry containers.

It is stored in specially designed, shed-type storage facilities, with concrete platform.

In the case of storage in reservoirs, a slight overpressure with inert gas will be created to avoid moisture infiltration (the product is hygroscopic)

Safety Considerations:

Before handling and using of product, the personnel must be aware of the dangers implied. This information is available in MSDS and on the product label.

Attention:

Please contact OLTCHIM to see if the document has been revised and for any other additional information related to the product.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of non-compliance with the information provided herein.