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Laszlo Corporation

PROPYLENE GLYCOL

GENERAL DESCRIPTION:

Propylene glycol is an organic compound, a clear, oily, colorless liquid with characteristic odor. The product is very easily soluble in water, acetone and chloroform.

Propylene Glycol is manufactured by the hydration of propylene oxide.

TECHINCAL QUALITY CONDITIONS:

Characteristics	M.U.	Values
Appearance	-	viscous clear liquid
Propylene glycol, min.	%	99.5
Distillation range (95% vol.)	°C	185 - 189
Water (Karl-Fischer), max.	%	0.25
Acidity (CH ₃ COOH), max	%	0.005
Color, max.	Hazen units	15
Ashes, max.	%	0.001

SPECIFIC PROPERTIES:

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

Density @ 20°C, g/cm ³	1.037
Boiling point	188.2°C @ 760 mmHg
Ignition temperature,	99°C
Flammability	Non - Flammable

MAIN APPLICATIONS:

- ▶ As glycerine substitute in fine organic synthesis;
 - ▶ Stabilizer in hydraulic fluids;
 - ▶ Antifreezing agent manufacturing;
 - ▶ Poly ether polyols, unsaturated polyester resins;
 - ▶ Solvent in printing inks;
 - ▶ Plastifiers, antifoaming agent, deemulsifiers;
 - ▶ Cellophane manufacturing.
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SHIPPING INFORMATION:

▶ **20 or 40 tons stainless steel, Carbon steel tank or aluminium tanks, with adequate inner protection.**

STORAGE:

Propylene glycol requires special designed storage facilities, shed type, with concreted platform, in order to prevent moisture intrusion because of its hygroscopic nature.