

EBOL MPG

TECHNICAL DATA SHEET TL 419/2006

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Chemical characteristics of the product

Propylenglykol (1,2-hydroxypropan, 1,2-propandiol propan-1,2-diol), (CH₃-COOH-CH₂OH)

CAS: 57-55-6

Use:

EBOL MPG is used in a wide variety of industries, e.g. as antifreeze for cooling or heat transfer systems. Due to its health safety, it is suitable for example in cooling equipment in the food industry. It is also used for the production of pure ecological coolant, suitable for all kinds of engines. It is also used as a solvent in the production of paints and special coatings.

Product features

EBOL MPG is a clear, colorless, virtually odorless, moderately viscous, hygroscopic. It is characterized by low volatility and neutral reaction. It is infinitely miscible with water, lower alcohols, esters and ketones. It is immiscible or partially miscible with ethers, higher alcohols, hydrocarbons and chlorinated hydrocarbons. It reacts violently with alkaline substances!

EBOL MPG must comply with these features:

Quality sign	Value
Density at 20 °C in kg.m ⁻³	1035 - 1037
Water content in %	max. 0,2
Concentration in %	Min. 99

Product processing:

EBOL MPG is used as a basic raw material in many industries. **EBOL MPG** forms azeotropic mixtures in a mixture with aniline, toluene, dipropylene glycol, monomethyl ether, o-xylene and dodecane.

EBOL MPG is used as a solvent for some inorganic substances and compounds, e.g. those containing nickel, nickel sulfate, and cobalt chloride.

Packaging, storage

EBOL MPG is supplied in tanks, combined IBC packaging with a volume of 1000 liters, in PE cans with a capacity of 50 litres or in other pre-agreed containers. It is stored in sealed containers in places protected from direct weather conditions. The recommended storage temperature is +5 to +25 °C. **The fabric is hygroscopic, it must be protected from air humidity!** Storage at temperatures below 0 °C does not affect the application properties of the product.

Transport

It is transported by covered vehicles in accordance with ADR/RID regulations.

Warranty period

If the product is transported and stored according to the above conditions, its warranty period is 12 months from the date of removal.

Note

Data on the properties of the product and its processing were obtained by laboratory measurements and application tests. However, this data sheet can only provide legally non-binding advice, the product processing must be adapted to the specific conditions.