

Product Data Sheet

TRIETHYLENE GLYCOL

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ALTERNATE NAMES

Triglycol, Glycol bis(hydroxyethyl) ether, TEG, Trigol

SPECIFICATION

Colour, Pt-Co	25 max
Water, %w/w	0.25 max
Purity, %w/w (dry basis)	95.0 min

TYPICAL PROPERTIES

Appearance @ 20°C	A clear colourless with mild odour
Chlorides, %w/w, as NaCl	0.009
Sulphate	Not detectable
Flash point, closed cup, °C	154
Freezing point, °C	- 7
Molecular weight	150
Refractive index @ 20°C	1.4559
Specific heat, Cal/g/°C @ 20°C	0.525
Surface tension, mN/m @ 20°C	45
Viscosity, cP @ 20°C	49
Specific gravity @ 20°C	1.123 - 1.128
Vapour pressure, mmHg @ 20°C	0.01
Acidity, %w/w, as acetic acid	0.01

USES

Triethylene glycol can be used as a solvent for various natural gums and resins. It is an efficient hygroscopic agent and liquid dessicant. It is a chemical intermediate in the manufacture of esters for subsequent use as lubricants, plasticisers, emulsifiers and defoamers.

Product Data Sheets are updated frequently. Please ensure that you have a current copy