Specifications for Ethylene Glycol (MEG)

Parameter	Value
Molecular Formula	C2H6O2
Mol Wt	62.07
CAS #	[107-21-1]
Description	Clear colurless liquid
Purity (%)	99 min
Sp gravity @ 20/20 deg cel	1.1151 – 1.1156
Distillation range in deg cel	194 – 205
Moisture (%)	0.2 max
DEG content (%)	0.05 max
Acidity as acetic acid (%)	0.005 max
Iron in ppm	0.15 max
Chlorides in ppm	0.2 max

Uses:

Industry	Application
Process and Manufacturing	As anti-freeze in cooling and heating systems
Auto	In hydraulic brake fluids
Industrial Hygiene (I&I)	As humectant
Electroplating	As solvent for boric acid and borates in electrolytic condensers
Coating	As solvent in certain decorative paints In mfr of unsaturated ester type alkyd resins
Printing Ink	In formulation of offset & liquid inks
Adhesive	As softening agent in cellophanes
Polymer	As stabilizer for soya foams used in extinguishing oil and gasoline fires
Textile	In mfr of synthetic fibres (PET)
Explosive	In mfr of explosives and glyoxals
Wax	In mfr of waxes and plasticizers

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