

Technical data sheet



Product name: **Ethylene glycol**

Grade: **USP**

Chemical formula: $C_2H_6O_2$

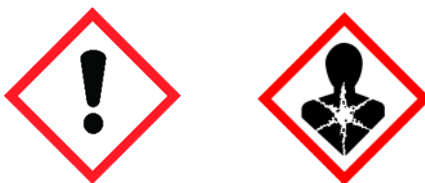
Molar mass: 62.07 g/mol

Synonyms: 1,2-Dihydroxyethane; 1,2-Ethanediol; Ethylene glycol; Glycol; Monoethylene glycol

General information	
Cas- No.	107-21-1
Ec-No.	203-473-3
Appearance	colorless liquid
Boiling point	197.6°C
Melting point	-13°C
Flash point	111°C
Spec.density	1.11 g/cm ³ (20°C)
Vapour pressure	0.053 hpa(20°C)
Solub. In H ₂ O	1000 g/l (20°C)
Storage temp	+2°C to +30°C
R:	22
S:	N/A

Specification	
Assay (GC)	≥ 99.5 %
Identity(IR)	conforms
Color	≤ 10 Hazen
Acidity (as CH ₃ COOH)	≤ 0.001 %
Density (d 20 °C/20 °C)	1.113 - 1.115
(d 25 °C/25 °C)	1.10 - 1.12
Refractive index (n 20/	1.431 - 1.433
Melting point	-14 - -10 °C
Boiling point	196.5 - 198.5 °C
Formaldehyde	≤ 0.005 %
Sulfated ash	≤ 0.005 %
Water	≤ 0.1 %

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	*	*	-	-	-
P.E	*	*	*	*	*



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