

Technical data sheet



Product name: **Propylene glycol**

Grade: **Extra pure**

Chemical formula: $C_3H_8O_2$

Molar mass: 76.10 g/mol

Synonyms: 1,2-Propanediol; Methyl ethyl glycol; α -Propylene glycol

General information	
Cas- No.	57-55-6
Ec-No.	200-338-0
Appearance	colorless liquid
Boiling point	189°C
Melting point	-59°C
Flash point	99 °C
Spec.density	1.04 g/cm ³ (20°C)
Vapour pressure	0.11 hpa(20°C)
Solub. In H ₂ O	miscible
Storage temp	≤30°C
R:	N/A
S:	26-36/37/39-45

Specification	
Assay (GC)	≥99.0%
Identity(IR)	conforms
Appearance	conforms
Free acid (as CH ₃ COOH)	≤0.06%
Free alkaline (as NH ₃)	≤0.15%
Refractive index(n 20°/D)	1.431-1.433
Sulfate (SO ₄)	≤0.006%
Heavy metals(as pb)	≤0.005%
Reducing substances	conforms
Water	≤0.5%
pH value	6 – 8 (100g/l, H ₂ O, 20°C)

Symbol:

packaging:

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



دفتر مرکزی: تهران - خیابان شهید بهشتی - خیابان میرعماد - کوچه ۱۴ - ساختمان شماره ۳
 Address : #14 ,4th Floor ,No3, Miremad Street,Beheshti Ave
 TEL:88530442-88530443 www.armansina.com