

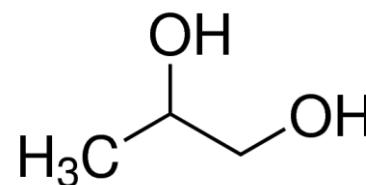


Product Specification

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1,2-PROPANEDIOL FOR SYNTHESIS

PRODUCT CODE	029673
SYNONYMS	Propylene glycol
C.I. NO.	N/A
CASR NO.	57-55-6
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₈ O ₂
ATOMIC OR MOLECULAR WEIGHT	76.09
PROPERTIES	Under ordinary conditions propylene glycol is stable, but at high temperatures it tends to oxidize giving rise to products such as propionaldehyde, lactic acid, pyruvic acid & acetic acid. Combustible.



PARAMETER	LIMIT
Description	Clear, colourless viscous liquid. Absorbs moisture from moist air.
Solubility	10% aqueous solution is clear.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	1.035 - 1.037 g
Refractive index (n) _D ²⁰	1.431 - 1.433
Boiling Range	184 - 189°C

MAXIMUM LIMIT OF IMPURITIES

Water	0.3%
Free acid (as CH ₃ COOH)	0.02%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --
UN No. : --
IATA : --