

PROPLYENE GLYCOL (TECHNICAL)



CAS Number: 57-55-6

Other Names: Propane-1,2-diol; α -Propylene glycol;
1,2-Propanediol; 1,2-Dihydroxypropane;
Methyl ethyl glycol; Methylethylene glycol

Formula: $C_3H_8O_2$

PRODUCT INTRODUCTION

Propylene Glycol is a propanediol having chemical formula $C_3H_8O_2$. It is colourless, viscous, hygroscopic, low-melting and high-boiling liquid with low toxicity, it is used as a solvent, emulsifying agent, and antifreeze.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Transparent Liquid
Purity	99.87 %
Moisture	0.07
Distillation Range	184-187.4 °C
Density (20/20°C)	1.039
Colour	3
Refractive Index	1.430

APPLICATION

- Propylene Glycol most important application is as a feedstock in the production of unsaturated polyester resins.
 - It is a component of high-performance reinforced plastic laminates, gel coats, and sheet molding compounds, among other goods.
 - Manufacturers use PG as a solvent, chemical intermediary, and heat transfer medium.
 - It can be found in commodities such as engine coolants, polyester resins, and latex paints, as well as in airplane deicing fluid, plasticizers, lubricants, and more.
 - Technical-grade PG is a component of many commercial paints and varnishes, where it acts as an intermediate, and cleaners and laundry detergents, where it is a stabilizer.
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PACKAGING OPTIONS

Drums

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