

Propylene Glycol

Premium-quality supply for U.S. industrial and pharmaceutical-grade applications

USP / FOOD GRADE

INDUSTRIAL / TECH GRADE

LEAD TIME

6 Weeks

DELIVERY TERMS

DDP

MARKET

U.S. Wide

USP / Food Grade

Pharmaceutical and food-grade Propylene Glycol (MPG) meeting USP specifications. Ideal for pharmaceutical formulations, food and flavor applications, personal care, cosmetics, and other regulated end-uses.

- Content: 99.90% min
- Kosher & Halal certified
- COA, TDS available upon request

Industrial / Tech Grade

High-purity Propylene Glycol for industrial applications including antifreeze and heat-transfer fluids, unsaturated polyester resins, de-icing solutions, paints, coatings, and plasticizers.

- Content: 99.90% min
- Clear colorless liquid
- COA, TDS available upon request

PACKAGING OPTIONS

| FORMAT | UNIT SIZE | PER CONTAINER | NOTES |
|------------|-----------------|------------------|---|
| ISO Tank | 20 MT bulk | 20 MT per ISO | Bulk liquid shipment — most efficient for high-volume users |
| IBC Tote | 1 MT per tote | 20 totes / 20 MT | Reusable composite IBCs — easy handling & storage |
| Steel Drum | 200 kg per drum | 80 drums / 16 MT | Sealed steel drums — ideal for smaller usage and distribution |

DELIVERY & LOGISTICS — DDP TO U.S. PORTS

Delivered Duty Paid directly to our warehouses, or shipped on to your facility as required. All duties, customs clearance, and inland freight included.

Los Angeles, CA

Houston, TX

New York / New Jersey

Seattle, WA

Flexible fulfillment: Material can be delivered DDP to our U.S. warehouses for consolidation and draw-down, or shipped direct to your facility. We tailor logistics to your procurement cycle.

Quality & Specifications

Representative analysis — both grades meet 99.90% min. purity

USP / FOOD GRADE

Product: Propylene Glycol USP Grade • **PASS**
Shelf Life: 24 months from production

| ITEM | SPECIFICATION | RESULT |
|---------------------------------------|---------------------------------------|------------------|
| Appearance | Colorless, viscous transparent liquid | Pass |
| MPG Content (w%) | 99.90 min | 99.971 |
| Moisture (w%) | 0.1 max | 0.007 |
| Color (Pt-Co) Hazen | 10 max | 5 |
| Specific Gravity (20°C) | 1.035 – 1.038 | 1.036 |
| Acidity (as CH ₃ COOH) w/% | 0.01 max | 0.008 |
| Sulfate (w%) | 0.006 max | <0.006 |
| Chloride (w%) | 0.007 max | <0.007 |
| Heavy Metals (Pb) ppm | 5 max | <5 |
| Residue on Ignition (mg) | 2.5 max | 0.8 |
| Arsenic (As) ppm | 2 max | <2 |
| Diethylene Glycol (w%) | 0.001 max | <0.001 |
| Dipropylene Glycol (w%) | 0.1 max | <0.1 |
| Tripropylene Glycol (w%) | 0.03 max | <0.03 |
| Propylene Oxide (w%) | 0.001 max | <0.001 |

INDUSTRIAL / TECH GRADE

Product: Propylene Glycol Tech Grade • **PASS**
Shelf Life: 24 months from production

| ITEM | SPECIFICATION | RESULT |
|---------------------------------------|------------------------|---------------|
| Appearance | Clear colorless liquid | Pass |
| Content (w%) | 99.90 min | 99.925 |
| Moisture (w%) | 0.1 max | 0.0456 |
| Color (Pt-Co) Hazen | 10 max | 3 |
| Density (20°C, g/cm ³) | 1.035 – 1.038 | 1.036 |
| Acidity (as CH ₃ COOH) w/% | 0.01 max | 0.007 |

Typical Applications: Antifreeze & heat-transfer fluids, unsaturated polyester resins, de-icing solutions, paints and coatings, plasticizers, and other industrial formulations.

USP Grade Applications: Pharmaceutical formulations, food & flavor carriers, personal care, cosmetics, humectants, and regulated end-uses.

Note: Values shown are from representative batch analyses. Every shipment is accompanied by a current, batch-specific Certificate of Analysis. Additional documentation available on request: Technical Data Sheet (TDS), SDS, Kosher Certificate, and Halal Certificate.