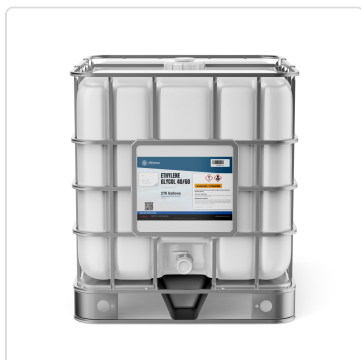


PRODUCT IDENTIFICATION

**Product Name:** Ethylene Glycol 40/60**CAS Number:** 107-21-1**Molecular Formula:** $C_2H_6O_2$ **Molecular Weight:** 62.07 g/mol**Grade:** Technical Grade**Purity / Concentration:** 40%**Synonyms:** Not Available

PRODUCT OVERVIEW

Ethylene Glycol 40/60 is a technical grade aqueous solution designed for consistent performance in a variety of industrial and laboratory applications. With a specific gravity of 1.055 at 20 °C, this 40% concentration provides a reliable balance for systems requiring controlled glycol levels.

Grade Significance: Technical Grade indicates that the product is formulated for industrial utility where high-volume performance is prioritized over pharmaceutical or food-grade purity standards.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

Certificate of Analysis data not available for this product.

PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid	Specific Gravity	1.055 (20 °C)
Molecular Formula	$C_2H_6O_2$	Molecular Weight	62.07 g/mol

APPLICATIONS

- Industrial Manufacturing** — Utilized as a chemical intermediate in the production of various industrial compounds and resins.
- HVAC and Refrigeration** — Serves as a heat transfer fluid in closed-loop systems to manage thermal regulation effectively.
- Laboratory Research** — Acts as a solvent or reagent for diverse chemical experiments and analytical procedures.
- Automotive Maintenance** — Used as a base component for specialized coolant and antifreeze formulations.
- Textile Processing** — Functions as a humectant or solvent in the treatment and finishing of synthetic fibers.

STORAGE & HANDLING

Proper storage is essential to maintain the integrity of the solution and ensure workplace safety. Given its classification as harmful if swallowed, containers must be kept tightly sealed in a cool, well-ventilated area to prevent accidental ingestion and minimize exposure to potential hazards.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: Warning



Hazard Statements:

- H302: Harmful if swallowed
- H373: May cause damage to organs through prolonged or repeated exposure

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

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