

PRODUCT IDENTIFICATION

**Product Name:** Propylene Glycol 20% Inhibited**CAS Number:** 57-55-6**Molecular Formula:** $C_3H_8O_2$ **Molecular Weight:** 76.09 g/mol**Grade:** Inhibited**Purity / Concentration:** 20%**Synonyms:** Not Available

PRODUCT OVERVIEW

Propylene Glycol 20% Inhibited is a high-quality, clear liquid formulated for reliable thermal transfer and industrial stability. This inhibited grade ensures consistent performance for general industrial and laboratory applications requiring a 20% concentration.

Grade Significance: The inhibited grade indicates that additives have been included to protect metallic surfaces from corrosion, ensuring longer system life and reduced maintenance for the end user.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

Certificate of Analysis data not available for this product.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, colorless liquid	Form	Liquid
Boiling Point	188°C (370°F)	Melting / Freezing Point	-59°C (-74°F)
Flash Point	104°C (pure)	Specific Gravity	1.012
Solubility	Fully miscible with water	Molecular Formula	$C_3H_8O_2$
Molecular Weight	76.09 g/mol		

APPLICATIONS

- HVAC and Refrigeration** — Utilized as a heat transfer fluid in closed-loop systems to provide efficient cooling while preventing system corrosion.
- Manufacturing** — Serves as an essential component in industrial processes requiring precise temperature control and equipment protection.
- Laboratory Research** — Functions as a reliable solvent or medium for various experimental setups that necessitate a stable, inhibited chemical environment.
- Automotive** — Used in specialized cooling applications where corrosion inhibition is required to maintain the longevity of metal components.

STORAGE & HANDLING

Proper storage in a cool, dry, and well-ventilated area is essential to maintain the integrity of the chemical inhibitors. While this product is not classified as a significant hazard, keeping containers tightly sealed prevents contamination and ensures the product remains within its performance specifications.

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**

No GHS pictograms assigned.

Hazard Statements:

- Not Classified
- Reported as not meeting GHS hazard criteria by 6762 of 6899 companies (only 2% companies provided GHS information). For more detailed information, please visit ECHA C&L website.

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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