

Ethylene Glycol Cooling Fluid - 50/50

Ethylene Glycol Cooling Fluid - 50/50 is an inhibited ethylene glycol-based heat transfer fluid designed for reliable performance in industrial and commercial applications. Pre-mixed at a 50/50 ratio of ethylene glycol and water, it provides consistent freeze and burst protection, excellent heat transfer efficiency, and dependable corrosion resistance in closed-loop systems.

Applications

Process heating and cooling systems HVAC and refrigeration loops Ice-making, deicing, and defrosting systems Dehumidifiers and climate-control equipment General closed-loop industrial heat transfer systems

Features & Benefits

Excellent low temperature performance: Freeze protection to -37 °F (-38 °C), burst protection to -60 °F (-51 °C), and excellent low temperature pumpability. **Exceptional resistance to fouling and corrosion:** Formulated to control glycol degradation, maintain pH stability, and deliver long-lasting protection. **Superior corrosion protection:** Meets ASTM D3306 corrosion requirements and ASTM D8039 for HVAC/heat transfer applications. **Nonflammable:** Flash/fire points above water’s boiling point when mixed at ≥20% concentrations. **Leak detection:** Dyed fluorescent pink for easy leak identification.

Technical Specifications

Base Chemistry	Inhibited ethylene glycol/water premix (50/50)
Freeze Protection	-37 °F (-38 °C)
Burst Protection	-60 °F (-51 °C)
Boil-Over Protection	~225 °F (107 °C) with 15 psig pressure
pH Stability	Maintained with advanced inhibitor system
Color	Fluorescent pink
Corrosion Protection	ASTM D3306 (D1384 test), ASTM D8039 (HVAC/heat transfer)
Fire & Safety	Nonflammable when ≥20% mixed with water