



Ethylene Glycol Heat Transfer Fluid

STARFIRE EG is a high quality, cost-efficient industrial heat transfer fluid blended with superior inhibitors that provide protection and thermal stability for applications that demand high performing and long-life fluid. Under proper maintenance, **STARFIRE EG** will provide the thermal properties and corrosion protection your system demands.

APPLICATIONS

- Process Cooling and heating
- Refrigeration
- Chemical Manufactures
- Line Heaters
- Cooling Towers
- Plastic Extrusion
- Winterization
- Thermal Storage
- HVAC
- Ice & Snow Mitigation
- Industrial Surface Mgmt.
- Solar Heating

BENEFITS

- Inhibitors are formulated for pH stability and to protect brass, copper, steel, cast iron, aluminum and other metals used in industrial applications.
- Blended with pure De-Ionized Water
- For safety reasons, all STARFIRE EG products contain a bittering agent
- Typical operating ranges are -50°C (-60°F) to 175 °C (350°F)

CHARACTERISTICS	SPECIFICATION
EG (by wt.)	92.5
Inhibitors (%)	7.5
Color	Green
Specific Gravity	1.14
pH (50% Glycol)	8.0 – 10.0
Reserve Alk (min)	25

Wt% EG	Vol% EG	Freeze Pt °C	Freeze Pt °F	Burst Pt °C	Burst Pt °F	Boiling Pt °F	Degree Brix	Refractive Index 22°C
20	18.1	-7.8	17.9	-15	5	216	13	1.353
30	27.7	-14.1	6.7	-22.7	-9	220	19.2	1.3635
35	32.6	-17.9	-0.2	-28.9	-20	221	22.3	1.3688
40	37.5	-22.3	-8.1	-51.1	-60	222	25.3	1.3796
45	42.5	-27.5	-17.5	-51.1	-60	224	28.3	1.3796
50	47.6	-33.8	-28.9	-51.1	-60	225	31.2	1.3849
60	57.8	-48.3	-48.3	-51.1	-60	230	36.6	1.3652
65	62.8	below -50	below -60	-51.1	-60	235	39.1	1.4003
70	68.3	below -50	below -60	-51.1	-60	242	41.7	1.4055
93	93	-19.4	-3	NA	NA	317	53.2	1.43