

# HSE Corn Glycol Concentrated Formula

---



*Superior Freeze  
Protection – down  
to -122F (85%)*

---



*Made from  
environmentally  
friendly materials*

---



*100% Non-Toxic,  
Food-grade, safe for  
all applications*

---

The HSE Corn Glycol is specifically designed for hydronic cooling or heating applications such as chillers, radiant heat systems, or solar water heating.

This glycol is completely non-toxic, safe for all types of solar heating applications, and is made from sustainable, bio-based raw materials.



HotSpot Energy uses sustainable, bio-based materials in the manufacturing of high temperature solar glycol. Unlike typical propylene or ethylene glycol, which is made from foreign oil or natural gas, this glycol is environmentally friendly, and domestically sustainable.

---



The corn glycol concentrate manufactured by HotSpot Energy offers the best in freeze protection. Shipped in 100% concentrate, this glycol allows you to mix the ratio on site, allowing you to customize the exact freeze protection you need for your specific environment.

---



This glycol has been manufactured to be food grade – making it completely safe and non-toxic. This makes it an excellent fit for solar heating systems installed on schools, government buildings, apartment complexes, residences, and commercial facilities alike.

---

# Corn Glycol Concentrate Specifications

Composition / Mixture:	100% Corn Glycol Concentrate
Appearance and Color:	Clear
	Odorless

Property	SI units	US units
Boiling Point:	>214°C	>417°F
Melting Point:	-24°C	-11°F
Specific Heat, cal/g/°C (20°C)	.53	-----
Autoignition Temp	405°C	761°F
Refractive Index*:	1.439	-----
Viscosity*:	-----	52 cP

\*at 20°C (68°F)

## Recommended Temperature Ranges:



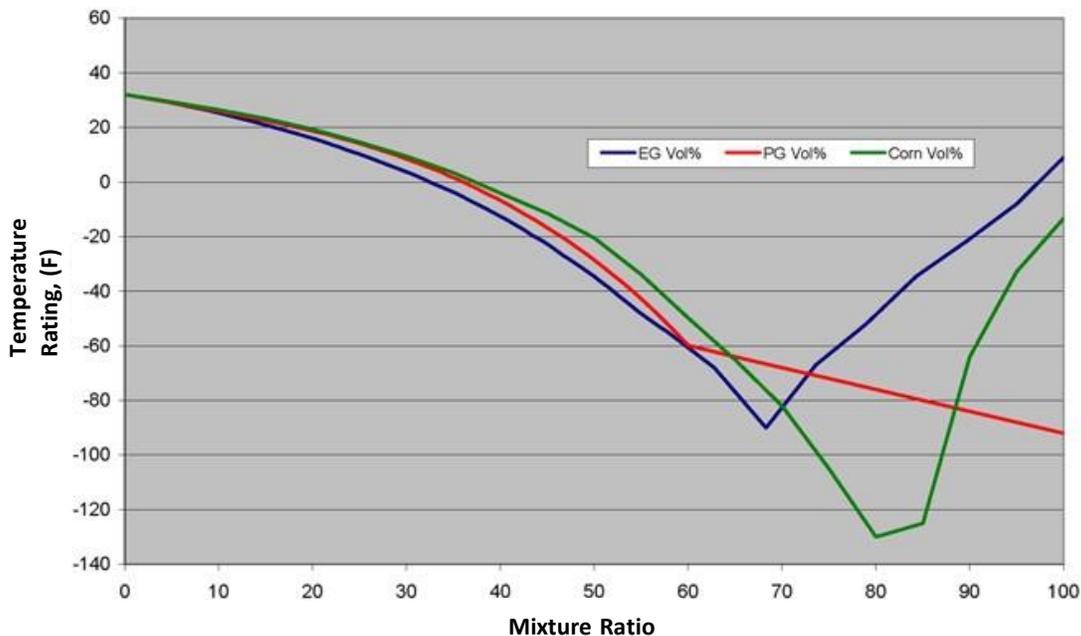
Freeze protection down to -85°C (-122°F)\*

Max system temperature to 177°C (350°F)



\*Depending on exact ratio of water to glycol

### Freeze Points of Glycol Mixtures:



For more technical, health, and safety information, to request pricing, or an Material Safety Data Sheet (MSDS), please contact us directly.