

Determining Factor	Glycol Type	Dow Solution	Reasoning
Toxicity Concern	PG	DOWFROST™ DOWFROST™ HD	EG is moderately toxic, ~½ cup is lethal to an average size adult.
Food & Beverage Processing	PG	DOWFROST™	PG is non-toxic and approved by the FDA as a direct food additive.
Cost	EG	DOWTHERM™ SR-1	EG-based fluids are lower in cost.
Operating Temperature >250°F	PG or EG	DOWFROST™ HD OR DOWTHERM™ SR-1	DOWFROST™ HD and DOWTHERM™ SR-1 have maximum operating temperatures of 250°F. They also have a more robust inhibitor package that can handle higher temperatures.
Aluminum System Components	PG	DOWCAL™ 200	Silicate-based heat transfer fluids are ideal for aluminum compatibility and protection.
Performance	PG or EG	DOWTHERM™ SR-1 OR DOWCAL™ 200	DOWCAL™ 200 is a higher-performance PG option compared to DOWFROST™ and DOWFROST™ HD. EG provides superior heat transfer and pumping power.