

Solution Science

Innovation from Hawkins

Chill-Pro Tailored heat transfer fluid solutions ideal for food plant HVAC systems.

Biobased propylene glycol customized for your operation.

Hawkins distinguishes itself by offering customers the best of both worlds: the ideal product for your food-adjacent HVAC system and the kind of responsiveness you've always wanted. We work closely with our partners to create formulas and support plans that optimize their systems and keep them running without interruption. We'll do the same for you — creating and implementing your ideal Chill-Pro formula with the speed and efficiency you need to operate at peak performance and stay ahead of trouble.

Clean & Green

Chill-Pro is a next gen renewable soy-based fluid that provides immediate green points and opens you up to a future of opportunities. It's approved for food applications (GRAS) and is the first propylene glycol to meet United States Pharmacopeia (USP) and USDA certified biobased product label standards. It's a great solution for businesses who want to earn points towards LEED O+M Certification.

Service & Support

We go all out to understand our customers' needs and are always available with timely help, proven science, and unsurpassed technical knowhow. It's a difference you'll see on Day One.

Test & Tailor

We drill down to isolate your specific system needs and then formulate a custom approach that promises optimal results. Our testing is comprehensive and conclusive and the reason our solutions succeed.

Fast & Efficient

Hawkins world-class lab and tech support quickly formulates our ready-to-use inventory to the specific concentrations you need. No one else provides such perfect formulas or employs them with so much speed.



A powerful partnership for sustainable, food-friendly solutions. Our proprietary Chill-Pro formulas are made with Evolution Chemicals™ by Archer Daniels Midland — revolutionary 100 percent biobased solutions noted for lower cradle-to-grave greenhouse gas emissions. Your Chill-Pro heat transfer fluid promises unprecedented food-grade performance that will also help you meet or exceed new and demanding environmental standards.

Improving chemistry to help you succeed



SERVING CUSTOMERS SINCE 1938

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Food-safe products and superior service — your formula for the future.

Hawkins' unique combination of technical expertise and nimble support gives our customers a decided edge in HVAC performance. You can be confident we'll match or exceed the quality of any available formulations. You can also be certain we'll provide faster and more customized service. It's a combination unmatched in the industry.

Inhibited corrosion protection for food applications.

Chill-Pro is specially inhibited to provide food-adjacent HVAC systems with superior corrosion protection for most metals, including brass, cast aluminum, cast iron, copper, solder, and steel.

Testing for ongoing peace of mind.

We'll keep you a step ahead of system failures by keeping your system at optimum levels — and we'll do it at the best possible cost. Hawkins testing programs are renowned for determining and maintaining correct concentration levels and for extending the life of your heat transfer system. Our initial testing will determine what you need for inhibitors, followed by ongoing sampling that tracks fluid changes and allows us to make adjustments that optimize efficiency and preempt failure.

A new standard for food plants and more.

Chill-Pro is GRAS and meets FCC specifications for use in food plants. It offers excellent freeze/burst and corrosion protection for HVAC systems involving food and beverages. It also excels in a broad range of applications:

- Geothermal approved in Minnesota and Wisconsin
- Thermal Energy Storage (TES) systems
- Ground source heat pumps
- Hydronic heating systems
- Heat recovery
- Solar heating
- Sidewalk snow melt systems
- Radiant floor heating
- Conveyor roller defrosting
- Refrigeration coil defrosting
- Cold room dehumidifying
- Beverage processing
- Controlled temperature batch processing
- Refrigeration
- Immersion freezing
- Process chilling
- Product and food cooling
- Fermentation cooling
- Ice skating rinks

Product Features

- Virtually odorless
- Clear, water white liquid appearance
- Diluted; easily mixes with water
- Available in plastic drums, plastic totes, and in bulk
- Dye options available
- Custom blending

Typical Properties	Range
Solution:	95.5% Propylene Glycol with 4.5% inhibitors
Operating Temperature Range:	<-50°F - 250°F
Specific Gravity:	1.045 - 1.065
Reserve alkalinity minimum (ASTM D1121):	Minimum 9.8 ml.
pH 50% dilution:	9.0 - 11.0

Let us formulate the perfect solution for you.

Hawkins is committed to bringing you the ideal chemistry and service you need to succeed. Please give us a call and let's talk about how Chill-Pro can make a difference for you.



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