

# HYDRITE HYDRI-CHILL™

Specialty-Inhibited  
Propylene Glycol  
Solution



## Providing Creative Solutions

Hydri-Chill is a specialty-inhibited propylene glycol which contains a food grade inhibitor and can be applied where incidental contact with food or beverage products may occur. Hydri-Chill is acceptable for use as a heat transfer fluid with food processing equipment where there is possibility of food contact. Can be used in secondary cooling and heating, deicing, defrosting, dehumidifying, and winterizing pipes.

- + Low oral toxicity
- + Superior Corrosion protection
- + Low environmental toxicity
- + Recommended use at temperatures -50 to 250°F.
- + Substances Generally Recognized as Safe (GRAS)

## Applications

- Food & Beverage
- Cooling Towers
- Process Cooling & Heating
- Refrigeration Systems
- Ice & Snow Melting Systems
- Line Heaters
- Winterization

Hydrite's dedicated technical support staff is knowledgeable and experienced.

### Contact Us



262-792-1450



marketing@hydrite.com



hydrite.com

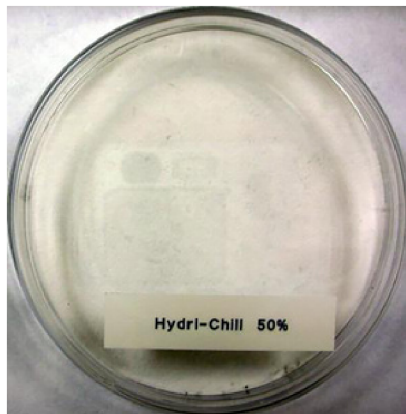
# Formulations

Product Name	Description
Hydri-Chill FG	Food Grade inhibited propylene glycol
Hydri-Chill FG 50%	Food Grade inhibited propylene glycol 50% solution in deionized water
Hydri-Chill FG Red	Food Grade inhibited propylene glycol with a red tracer dye

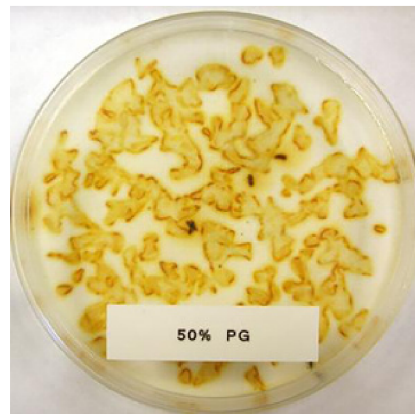
Custom inhibitor packages and other dilutions available. Contact us for more information.

## Analysis

Outfitting a glycol system with Hydri-Chill provides superior corrosion resistance compared to conventional un-inhibited propylene glycol solutions. Comparative laboratory testing completed to evaluate the effectiveness of Hydri-Chill at 50% (Fig. 1) versus an un-inhibited 50% propylene glycol solution (Fig. 2).



Hydri-Chill FG (Fig. 1)



Un-inhibited propylene glycol 50% (Fig. 2)

To assure that only approved compounds are used for the purpose intended, this notice of guarantee is being provided certifying that the listed compound complies with applicable federal food laws and has been produced in compliance with current Good Manufacturing Practices (cGMP). This product contains ingredients which are suitable for use in food processing plants.

Read and understand the SDS, Product Information Sheet, and Label instructions before using this product. Users must wear proper protective equipment. If you have any questions regarding the proper use of this product, please contact your Hydrite Account Representative.

Manufacturer's Certification: Hydrite Chemical Co. certifies that if the above listed product is used according to the instructions outlined in this letter, the compound will have no adverse effect on the product being processed. Hydrite Chemical Co. understands the FDA retains the authority to refuse specific compounds that they determine unsafe and may cause product adulteration.

We can help calculate and maintain your glycol concentration. Contact us today!

HYDRITE

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