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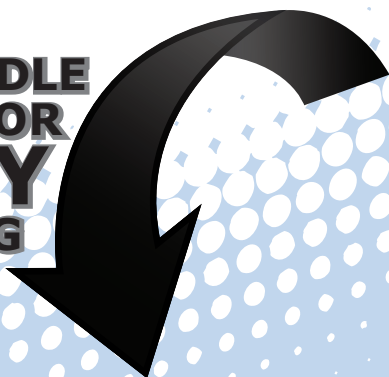
# Freez-Kontr'l<sup>®</sup> FG

**INHIBITED PROPYLENE GLYCOL**

**Non-Dyed/Full Concentrate  
Heat Transfer Fluid**

**FOR PROFESSIONAL USE ONLY**

**EXTRA HANDLE  
FOR  
EASY  
POURING**



159233

**5 GAL (18.9 L)**

Freez-Kontr'l<sup>®</sup> FG is a fully-formulated (non-dyed) heat transfer fluid and antifreeze. The product is full concentrate propylene glycol-based product (95%), with inhibitor package that controls corrosion of metals, helps prevent scaling and fouling of heat transfer surfaces, and buffers the pH to maintain it in the optimum operating range. Freez-Kontr'l<sup>®</sup> FG is registered by NSF as a HT-1 fluid. The fluid is manufactured with ingredients classified as Generally Regarded as Safe (GRAS) by the FDA. Avoid contamination of food during application and storage. Product is only to be used in equipment or machine parts where there is incidental contact of the product with food.

**Typical Applications:** Food and Beverage Equipment, HVAC Systems, Process Heating and Cooling, Ideal for Top-Off Adjustments for Freeze/Burst Protection

**DIRECTIONS FOR USE:**  
This product must be used in accordance with the following directions by HVACR professionals only.

1. Clean new or lightly corroded existing system with Nu-Calgon System Cleaner (4370-08) before installation of Freez-Kontr'l<sup>®</sup>. Do not use with galvanized steel.
2. Extensively corroded existing systems should be cleaned using an inhibited acid such as Season Start Scale Remover, Eco-Lyme<sup>®</sup>, or Liquid Scale Dissolver. Job should be handled by an experienced serviceman. All necessary replacements and repairs should be made.
3. The concentration of required glycol-based Freez-Kontr'l<sup>®</sup> FG will depend on the kind of protection needed. There are two types of protection: burst protection and freeze protection. Burst protection prevents bursting or other mechanical damage, but it is not enough to keep solution pumpable. Freeze protection requires more glycol, and it prevents the formation of ice crystals at the lowest temperature experienced by the fluid. This assures fluid can be pumped at the lowest experienced temperature.
4. Typically, ice storage systems, fire sprinkler systems and intermittently run hydronic systems may be fine with burst protection while chilled water and lawn sprinkler systems need freeze protection.
5. See the chart and select the lowest expected ambient temperature, then go to a temperature 5°F colder to assure protection. Decide on type of protection, and identify the solution percentage that must be made up of Freez-Kontr'l<sup>®</sup>.
6. Calculate or establish system volume in gallons, and multiply this volume by the percentage identified above. This will tell you the number of gallons of Freez-Kontr'l<sup>®</sup> FG required.
7. For optimum corrosion protection, a minimum concentration of 33% is recommended.

Percent Volume of Freez-Kontr'l <sup>®</sup> FG	Freeze Protection	Burst Protection
100%	Below -60°F	-100°F
75%	Below -60°F	-100°F
60%	-51°F	-100°F
50%	-24°F	-95°F
40%	-3°F	-62°F
30%	10°F	-19°F

Always use a Nu-Calgon Glycol Refractometer (63101) to check freeze protection on the Propylene Glycol scale before leaving job site.

Contains: Propylene Glycol (CAS No. 57-55-6)



**Nu-Calgon**  
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(618) Calgon is a licensed trade name.