

4188-07

 **Nu-Calgon**

Freez-Kontr'l[®]

**INHIBITED PROPYLENE
GLYCOL**

Long Life Heat Transfer & Anti-Freeze Fluid

Freeze Protection to -60°F

Burst Protection to -100°F



Nonfood Compounds
HT1

For Professional Use Only.
Keep Out Of Reach Of Children.

1 U.S. Gallon (3.8 Liters)



Freez-Kontr'l is a complete heat transfer fluid formulated with 70% inhibited propylene glycol. The blue-dyed product is non-corrosive and provides freeze and corrosion protection for hydronic, refrigeration or other closed loop systems. Safe for use where incidental contact with food or potable water could occur.

BENEFITS:

- Optimum freeze or burst protection
- Fully inhibited to prevent corrosion
- Effective over broad temperature range
- Colored blue for easy leak detection
- Compatible with most materials
- Low in acute oral toxicity

DIRECTIONS FOR USE:

This product must be used in accordance with the following directions by HVACR professionals only.

1. Clean fouled closed loop system with Nu-Calgon System Cleaner, Eco-Lyme or Liquid Scale Dissolver followed by clean water flush before adding Freez-Kontr'l into the system.
2. Determine if freeze or burst protection is required. Use freeze protection requirements is solution will be circulating by a pump.
3. Identify the lowest expected ambient temperature, then go 5°F colder to assure adequate protection. Review Freez-Kontr'l chart and determine the solution percentage that must be Freez-Kontr'l.
4. Establish system volume. Multiply this volume by percentage of Freez-Kontr'l to how much product is required. Fill the balance of the circuit with a high-quality water.

Notes: Use a minimum 40% Freez-Kontr'l by volume for corrosion protection. For loops that utilize galvanized steel or CPVC materials, contact Nu-Calgon. Do not use Freez-Kontr'l for open loop systems.

% Volume of Freez-Kontr'l	Freeze Protection	Burst Protection
100%	below -60°F	-100°F
90%	below -60°F	-100°F
80%	-49°F	-100°F
70%	-29°F	-100°F
60%	-12°F	-79°F
50%	1°F	-52°F
40%	10°F	-19°F

Contains: Propylene Glycol (CAS No. 57-55-6)
Consult SDS before use.



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(0424) Calgon is a licensed trade name.



Always use a Nu-Calgon Glycol Refractometer (63101) to check freeze protection of the heat transfer fluid before leaving job site.

