

4188-12

 Nu-Calgon

Freez-Kontr'l[®] HD

INHIBITED PROPYLENE GLYCOL

Freez-Kontr'l HD is a heavy-duty, pink-dyed 70% propylene glycol-based heat transfer fluid for hydronic applications with an enhanced additive package for added service durability. Provides better thermal and service stability when mixed with water containing 350ppm hardness. Freez-Kontr'l HD should NOT be used in refrigeration applications where there is a possibility of incidental contact with potable water or food.

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 HD 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 HD 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 HD to how much product is required. Fill the balance of the circuit with high-quality water.

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

⚠ WARNING: This product can expose you to ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

% Volume of Freez-Kontr'l [®] HD	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

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).

DO NOT STORE PAIL IN DIRECT SUNLIGHT.
Consult SDS before use.

MADE IN THE
USA



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

5 U.S. Gallons (18.9 Liters)

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PK-1 PC GHS 4188-12



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