

Freez-Kontr'1 95/5 is the complete heat transfer fluid and anti-freeze supplied as a concentrate. It is a non-corrosive, inhibited propylene glycol product for corrosion protection and freeze protection for chilled water, hydronic and other closed systems. Safe for use where contact with potable water is possible.

**DIRECTIONS FOR USE:**

**This product must be used in accordance to the following directions by HVACR professionals only**

1. Clean new or lightly corroded existing system with Nu-Calgon System Cleaner (4370-08) prior to installation of Freez-Kontr'1 95/5. 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®, 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'1 95/5 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 assure 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'1.
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'1 95/5 is required.
7. For optimum corrosion protection, a minimum concentration of 30% is recommended.

**4188-03**



# Freez-Kontr'1<sup>®</sup> 95/5

**INHIBITED PROPYLENE GLYCOL**

**Long Life Heat Transfer & Anti-Freeze Fluid**  
**Freeze Protection to -60°F**  
**Burst Protection to -100°F**

**FOR PROFESSIONAL USE ONLY**

**55 Gallons (208.2 L)**

Percent Volume of Freez-Kontr'1 95/5	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 (61301) to check freeze protection before leaving job site.**

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

**Refer to SDS for additional information.**

Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner.

CHM00998  
4188-03 Freez-Kontr'1 95/5 55 gal

1 each

Qty 1  
**B72-828**  
4188-03 Freez-Kontr'1 95/5 55 gal

**1 45YY08**

PK-1PC GHS 4188-03

00681001418898



Nu-Calgon  
2611 Schuetz Rd.  
St. Louis, MO 63043  
Customer Service: 800-554-5499  
Chemical Emergency: 800-424-9300  
www.nucalgon.com  
(219) Calgon is a licensed trade name.