

4189-07



Freez-Therm[®]

INHIBITED ETHYLENE
GLYCOL

Long Life Heat Transfer & Anti-Freeze Fluid

Concentrate Formulation

Green Dyed for Higher Visibility

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

1 U.S. Gallon (3.8 Liters)

Freez-Therm is a concentrate heat transfer fluid formulated with 96% inhibited ethylene glycol. The green-dyed product provides freeze and corrosion protection for hydronic heat heating or cooling systems, process cooling and other closed loop systems. Freez-Therm is NOT suitable for use in refrigeration systems where incidental contact with food or potable water could occur.

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-Therm into the system.
2. Determine if freeze or burst protection is required. Use freeze protection requirements if solution will be circulated by a pump.
3. Identify the lowest expected ambient temperature, then go 5°F colder to assure adequate protection. Review Freez-Therm chart and determine the solution percentage that must be Freez-Therm.
4. Establish system volume. Multiply this volume by percentage of Freez-Therm to how much product is required. Fill the balance of the circuit with high-quality water.

Notes: Use a minimum 30% Freez-Therm by volume for corrosion protection. For loops that utilize galvanized steel or CPVC materials, contact Nu-Calgon. Do not use Freez-Therm for open loop systems.



WARNING

Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure.

PREVENTION: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe mist or vapor.

RESPONSE: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. Get medical attention if you feel unwell.

STORAGE: Store locked up.

DISPOSAL: Dispose of container in accordance with local, regional, national and international regulations.

KEEP OUT OF REACH OF CHILDREN.

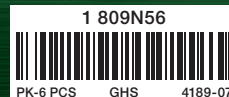
% Volume of Freez-Therm	Freeze Protection	Burst Protection
60%	-55°F	-100°F
55%	-40°F	-97°F
50%	-30°F	-95°F
45%	-20°F	-78°F
40%	-10°F	-60°F
35%	0°F	-32°F
30%	+5°F	-16°F

Contains: Ethylene Glycol (CAS # 107-21-1).
Consult SDS before use.

Always use a Nu-Calgon Refractometer (61301) to check ethylene glycol solution freeze protection before leaving job site.



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



Nu-Calgon
2611 Schuetz Rd.
St. Louis, MO 63043
Customer Service: 800-554-5499
Chemical Emergency: 800-424-9300
www.nucalgon.com
(0724) Calgon is a licensed trade name.