

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.**

4189-05



# 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.

5 Gallons (18.9 L)

% 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

**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](http://www.P65Warnings.ca.gov).



00681001418959

Qty 1  
**B85-552**  
4189-05 Freez-Therm 5 gal

**1 809N55**



PK-1 PC      GHS      4189-05

**CHM00374**

QTY  
1



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.

Nu-Calgon  
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[www.nucalgon.com](http://www.nucalgon.com)  
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