

B-THERM IPG

Inhibited Propylene Glycol Heat Transfer Fluid



B-THERM IPG is available as a 100% concentrate or pre-mixed with water to your specifications.

Applications

B-THERM IPG is suitable for use in industrial and commercial heating and cooling systems including HVAC, ice rinks, chillers, engines, heat recovery, ice and snow melting, in-floor

heating and cold room dehumidifiers.

B-THERM IPG is suitable for use in applications where incidental contact with tap water, food or beverage products could occur.

Technical Support

Bebbington Industries offers

- Technical information as to how freezing point changes with glycol concentration
- Certificate of assay for glycol concentration and freezing point, for pre-mixed solutions
- Free analysis to our customers for propylene glycol concentration / freezing point of your system heat transfer fluid.

Availability

B-THERM IPG is available in 4 L, 20 L, 200 L and 1000 L sizes.

The product is colorless but can be dyed red or fluorescent green on request.

Corrosion Protection

B-THERM IPG contains corrosion inhibitors that provide superior corrosion protection for many metals including Copper, Solder, Brass, Steel and Cast Iron. Corrosion testing was done in accordance with ASTM D8040 testing methods.

Related Chemical Products

We offer a variety of Heat Transfer Solutions and Antifreeze products including

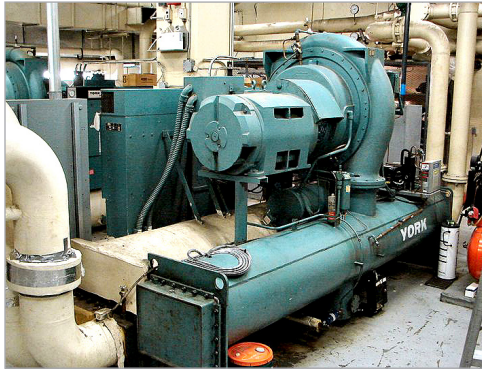
- Propylene Glycol USP
- Ethylene Glycol
- Ethylene Glycol Inhibited
- Plumbers Antifreeze

CONTACT US TODAY!

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SPECIFICATIONS

Composition by Weight

Propylene Glycol USP 96 % and 4 % water containing inhibitors. All materials used are high quality USP or Food Grade. We do not use recycled Propylene Glycol.

Appearance

B-THERM IPG is a clear, essentially colorless, solution. This product can be dyed red or fluorescent green on request.

pH 33 % Solution in Water

9.0 – 10.0

Reserve Alkalinity

10 – 12



Regulatory Information

B-THERM IPG has low oral toxicity and is not considered to be hazardous under WHMIS 2015/GHS criteria.

Freezing Point/Burst Protection See table below

% B-THERM IPG IN WATER V/V	FREEZE POINT DEG F	FREEZE POINT DEG C	BURST PROTECTION DEG C
25	16	-10	-18
30	10	-13	-27
35	5	-17	-43
40	-6	-22	-51
45	-18	-28	-51
50	-29	-34	-51
55	-42	-43	-51
60	-60	-51	-51
70	Below - 60.0	Below - 51	

Note that these figures are approximate typical numbers only and may not be applicable to your situation. Generally for a safe margin of protection, you should select a temperature that is at least 5 C lower than the expected lowest temperature in your region.



Since 1992

For more information or a competitive quote, contact

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