

ProCharge Heat Transfer Fluid EGBLue with Nitrite/Phosphate Inhibited Ethylene Glycol-Based Heat Transfer Fluid

ProCharge EG BLUE is an inhibited ethylene glycol-based fluid with nitrite that is widely used for heating applications and secondary cooling for freeze and burst protection of pipes, and for various deicing, defrosting, and dehumidifying applications. **ProCharge EG BLUE** is dyed blue.

BENEFITS

- Freeze protection and burst protection (see Heat Transfer Fluid % Volume Required chart to determine concentration of ProCharge EG BLUE required to maintain freeze and burst protection at various temperatures or consult your equipment manual)
- Efficient heat transfer
- Industrial inhibitor package provides protection against corrosion
- Meets ASTM D-3306 corrosion protection requirements of the ASTM D-1384 test method, which is the industry test method for corrosion protection of system metals (copper, standard solder, brass, steel, cast iron & cast aluminum)
- Long Service Life

HEAT TRANSFER FLUID % VOLUME REQUIRED*

ProCharge EG BLUE should be blended with good quality water† to provide the optimal level of freeze and burst protection your system requires.

TEMPERATURE (F°) (C°)	FOR FREEZE PROTECTION	FOR BURST PROTECTION
20 -7	17%	12%
10 -12	26%	18%
0 -18	35%	23%
-10 -23	41%	27%
-20 -29	46%	31.4%
-30 -34	50%	31.4%
-40 -40	55%	31.4%
-50 -46	59%	31.4%
-60 -51	63%	31.4%

*These figures are examples. For an added range of protection, select a temperature from this chart that is at least 5°F (3°C) lower than the expected lowest ambient temperature. Solutions less than 25-30% may not provide adequate corrosion protection.

†Recommended water specifications are; Water Hardness 100 ppm or less, Chloride 25 ppm or less, Sulfate 25 ppm or less, Calcium 50 ppm or less, Magnesium 50 ppm or less. ProCharge EG BLUE is also available in pre-diluted formulas if a good quality water source is not available.

PROPERTIES:

ASTM TEST METHOD

TYPICAL VALUES

Reserve Alkalinity	D-1121	11.0 mL min.
Specific Gravity @ 60°F	D-1122	1.125 - 1.135
pH 50/50 Solution	D-1287	9.0 - 9.6
Total Water & Inhibitors	D-1123	4.8%
Total Glycols	E-202	95.2%
Odor	-	Mild
Fluid Wt. per Gallon	-	9.41 lbs./gal
Color	-	Blue

NOTE: Values indicated are typical physical properties and are not specification limits. Seller offers no warranty, expressed or implied, concerning the suitability of this product for any particular purpose.

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