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## Product

### Pro-Tek™ Inhibitor

Pro-Tek™ Inhibitor is a corrosion-inhibiting additive designed to treat heating, cooling and refrigeration systems that contain Pro-Tek™ propylene- and ethylene-glycol based heat transfer fluids.

Pro-Tek™ Inhibitor helps buffer the pH, increases the Residual Alkalinity and restores corrosion inhibitor functional levels in systems containing Pro-Tek™ glycol heat transfer fluids.

Pro-Tek™ Inhibitor neutralizes acids as they form and provides continuous corrosion protection in the system when used at recommended levels. As it prevents corrosion damage in the system, the Pro-Tek™ Inhibitor also helps minimize glycol breakdown, and provides a longer service life for the heat transfer fluid.

Pro-Tek™ Inhibitor is made with non-toxic, food-grade ingredients.

## Directions

Restoring corrosion protection:

For best results, test Pro-Tek™ glycol heat transfer fluids every 6 to 12 months with Diversitech Glycol Test Strips. If the pH of the fluid is 8-10, and the glycol concentration is in the expected range, no additional corrosion inhibitor is necessary.

If the glycol level is below normal, add the appropriate Pro-Tek™ product to bring the glycol level to the level necessary to provide the desired freeze protection, circulate the system and check the glycol content and pH to ensure that acceptable levels have been restored.

If the pH is below 8, add Pro-Tek™ Inhibitor to the system at the rate of 16 fluid ounces per 20 gallons of glycol solution. Ensure that there are no leaks that allow air to be entrained in the system. Entrained air can cause glycol breakdown, causing a low pH in the system, leading to premature equipment failure. Circulate to mix the corrosion inhibitor. After the Pro-Tek™ Inhibitor has circulated for 2-4 hours, re-check the pH and glycol levels in the system using the Diversitech Glycol Test Strip to ensure that the deficiency has been corrected.

If the pH remains below 8, add a second dose of Pro-Tek™ Inhibitor, then circulate as before. Circulate the glycol solution in the system for 2-4 hours, then check the pH again.



If a second addition of Pro-Tek™ Inhibitor does not correct the pH, consult the equipment manufacturer, an HVAC engineer or your technical representative for more advice.

Do not add more than 32 ounces of Pro-Tek™ Inhibitor to each 20 gallons of glycol solution or raise the glycol solution to a pH greater 10 without advice from your technical consultant.

For systems with aluminum heat exchangers, do not raise the pH higher than 8.5-9.0

Conditioning make-up water:

For best results, make-up water should not contain more than 100ppm hardness, 100ppm chloride, or 250ppm sulfate.

To condition hard water before adding glycol to a system, add 1 ounce of Pro-Tek™ Inhibitor per 10 gallons of make-up water. Allow to settle and add clear solution to the system.

### Caution

Keep out of reach of children. Keep container closed when not in use. Avoid eye or prolonged skin contact. For eye contact, flush with clean water for 15 minutes. If irritation develops or persists, get medical attention. For skin contact, wash the affected area with soap and water. If irritation develops, get medical attention. Do not take internally.

Store in a cool dry place. Protect from freezing. Triple rinse empty container and dispose of in trash.

Consult the MSDS or your technical representative for additional storage and handling information.

