

# PRO-TEK<sup>®</sup> AL

## Premium Corrosion Inhibitor Treatment for Aluminum & Multi-Metal Closed Loop Systems

- Corrosion inhibitor treatment for aluminum, copper, iron and steel
- Formulated for Large Commercial Systems
- Compatible with propylene and ethylene glycol
- Concentrated: dilutes one-gallon/150 gallons
- Protects equipment during warranty periods
- Provides many years of system protection
- Safe on PEX & ONIX tubing
- Maintains system efficiency
- Helps control system pH

### PACKAGED IN CONVENIENT FIVE GALLON CONTAINERS

- Non-Hazardous
- Environmentally Friendly
- Reduces maintenance costs

PRO-TEK<sup>®</sup> AL will ensure better performance from your hydronic system



**Rhomar**  
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## Pro-Tek® AL

*Premium Corrosion Inhibitor Treatment For Aluminum & Multi-Metal Closed Loop Systems*

### DESCRIPTION:

**PRO-TEK® AL** is a concentrated organic corrosion inhibitor treatment specially formulated for closed loop heating and cooling systems. Many water sources used in hydronic systems can be very corrosive to metals. **PRO-TEK® AL** will help to reduce corrosion on aluminum, brass, copper, iron, and stainless steel. **PRO-TEK® AL** has also been tested and is compatible with standard PEX and Onix tubing typically used in hydronic installations.

### ADVANTAGES:

**PRO-TEK® AL** is designed to provide multi-metal corrosion protection at neutral pH levels of 7.5-8.5 needed for aluminum and copper. When used as directed, **PRO-TEK® AL** will prolong the life of hot water systems by reducing the rate of corrosion and help maintain operating efficiency by preventing corrosion debris from fouling the system. **PRO-TEK® AL** is compatible with both polypropylene and ethylene glycol. **PRO-TEK® AL** is non-hazardous and environmentally friendly.

### DIRECTIONS:

It is recommended that new and used hydronic systems first be cleaned with Rhomar **HYDRO-SOLV™ 9250** cleaner. After cleaning, thoroughly flush until the water runs clear. Cleaning and removing cutting oils and tapping fluid will help control bacterial growth. Flushing pipe cuttings, iron oxides and welding by-products with **HYDRO-SOLV™ 9250** will help prevent damage to seals, pump impellers, piping and heat exchangers due to abrasion. A clean system will ensure better results with the **PRO-TEK® AL** inhibitor.

Once the system is cleaned and flushed, **PRO-TEK® AL** should be added at the rate of 1 gallon per 150 gallons of system volume. Over-treating will not harm the system. Deionized or distilled water may be used provided adequate **PRO-TEK® AL** is added and the fluid pH is within recommended limits. (Some deionized water can have a very low pH of 4.5 – 5.0.) Softened water is recommended if water hardness is higher than 100 ppm (6-grains). Proper operation of the softener should be verified prior to using to prevent salt brine from entering the system. Using water with hardness higher than 6-grains may cause sludge or scale buildup on the heat exchanger and can reduce the effectiveness of the inhibitors. Treated water pH should not be allowed to rise above 8.5 if aluminum is present. Additional treatment should be added when water is lost or removed.

### TESTING:

Fluid pH should be 7.5-8.5. Fluid with a pH higher than 8.5 may indicate the presence of additives that may not be compatible with aluminum. Pint samples may be sent to Rhomar Water Management, Inc. for additional testing. "Water Test Request Forms" are available at [www.RhomarWater.com](http://www.RhomarWater.com) under "Literature". Call 417-862-2600 for technical assistance or questions regarding the use of Rhomar cleaning and treatment products.

### CAUTION:

AVOID CONTACT WITH SKIN OR EYES. DO NOT TAKE INTERNALLY!  
See MSDS for complete health and safety data.

### KEEP OUT OF REACH OF CHILDREN

**Container Disposal:** Triple rinse container and discard according to local regulations.

### PROPER DOT SHIPPING NAME:

Nonhazardous by D.O.T. standards

### HMIS RATING:

Health-2; Flammability-1; Reactivity-0; PPE-B

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