



# RHOMAR WATER

Heat Transfer Fluids • Hydronic System Solutions

## Solar-Gard™ AL

### Aluminum/Stainless Steel Safe Multi-Metal Heat Transfer Fluid

- *Premixed, Ready-to-Use Heat Transfer Fluid for Solar Systems*
- *Blended with Virgin Propylene Glycol*
- *Multi-Metal Corrosion Inhibitors and Performance Additives*
- *Protects Multiple Metals, Including Aluminum and Stainless Steel*
- *Provides Years of Corrosion Protection*
- *Helps Keep Heat-Exchange Surfaces Clean*
- *Maximizes System Efficiency*
- *Provides Freeze Protection to -28 °F*
- *Provides Burst Protection to - 75 °F*
- *Environmentally Friendly*



Available in a variety of sizes.

Rhomar Water, 2103 E Rockhurst St., Springfield, MO 65802  
1-800-543-5975 • [www.RhomarWater.com](http://www.RhomarWater.com)



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## Solar-Gard™ AL

### DESCRIPTION:

**SolarGard™ AL** is premixed Aluminum and Stainless Steel safe multi-metal antifreeze and heat transfer fluid specially blended with VIRGIN PROPYLENE GLYCOL, industrial corrosion inhibitors and performance additives.

### ADVANTAGES:

**SolarGard™ AL** can be used in all types solar, hydronic heating and cooling solar systems. When used directly from the container, **SolarGard™ AL** can provide freeze protection to -28 °F and burst protection to -75 °F. The multi-metal additives in **SolarGard™ AL** can help protect all metals including aluminum, brass, cast iron, copper and stainless steel from corrosion, scale and sludge deposits.

### SOLAR SYSTEMS:

Solar fluids are susceptible to very hot and cold temperature extremes. Ensure that this formulation will provide adequate freeze/burst protection for your area before filling your system. The inhibitor additives in **SolarGard™ AL** can withstand temperatures to over 400 °F (205 °C). The fluid may experience boiling at very high temperatures if the system is not pressurized.

### DIRECTIONS:

All systems, new and existing, should be thoroughly cleaned and flushed using **Rhomar Water's Hydro-Solv™** cleaner prior to adding the heat transfer fluid. Properly cleaning the system will reduce the rate of corrosion and prolong the life of the heat transfer fluid. **SolarGard™ AL** should be added to a clean system undiluted. Mixing with water will reduce the freeze/burst protection and the corrosion inhibitors.

### TESTING:

Freeze protection level should always be verified with a glycol refractometer. Retest the system fluid annually to ensure proper freeze and corrosion protection. Samples may also be sent to **Rhomar Water** for testing by using the "Water Test Request Form" at [www.RhomarWater.com](http://www.RhomarWater.com).

### CAUTION:

Although classified as non-toxic, **SolarGard™ AL** DOES CONTAIN NON-FOOD GRADE ADDITIVES. Using **SolarGard™ AL** in a potable water heating systems may require a double-wall heat exchanger to comply with local regulations. See SDS for more information.

Propylene glycol is not recommended for CPVC plastic piping.

### REORDERS:

Call **1-800-543-5973** or visit our website at [www.RhomarWater.com](http://www.RhomarWater.com).