



# RHOMAR WATER

Heat Transfer Fluids • Hydronic System Solutions

## Solar-Gard™

### Non-Toxic, Freeze and Corrosion Protection fluid for Solar Systems

- *Premixed, Ready-to-Use Heat Transfer Fluid*
- *All Ingredients are Listed by the USDA and FDA as "Generally Recognized as Safe" (GRAS)*
- *Rated HT1, Thus May Be Used in Systems Where Incidental Food Contact is Possible*
- *Blended with Virgin Propylene Glycol and D.I. Water*
- *Contains Corrosion Inhibitors and Performance Additives*
- *Protects Cast Iron, Brass, Copper and Steel*
- *Helps Keep Heat Exchange Surfaces Clean*
- *Maximizes System Efficiency*
- *Provides Freeze Protection to -28 °F*
- *Provides Burst Protection to -75 °F*
- *Non hazardous*
- *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™

### DESCRIPTION:

**SolarGard™** is an inhibited VIRGIN PROPYLENE GLYCOL Antifreeze and Heat Transfer Fluid containing food, grade non-toxic corrosion and scale inhibitor additives.

### ADVANTAGES:

**SolarGard™** can be used in solar, ground source, hydronic heating and cooling systems. **SolarGard™** can provide freeze protection to -28 °F and burst protection to -75 °F. The additives in **SolarGard™** can help prevent foaming and protect metals including brass, iron, copper and stainless steel from corrosion and scale 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™** 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 antifreeze. Properly cleaning the system will reduce the rate of corrosion and prolong the life of the antifreeze. **SolarGard™** should be added to a system undiluted. The system should be thoroughly drained prior to adding **SolarGard™** since any water remaining in the system will dilute the **SolarGard™** resulting in less freeze and corrosion protection.

### 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).

### PRODUCT SAFETY:

**SolarGard™** is considered non-toxic and contains ingredients that are Generally Recognized as Safe (GRAS) by the Food and Drug Administration. **SolarGard™** is rated HT1, thus may be used where incidental food contact is possible, such as ground source geothermal systems. See SDS for more information.

Gosselin Toxicity Index (Propylene Glycol): 1 "essentially non-toxic"

### CAUTION:

**SolarGard™** is not suitable for systems that use aluminum, galvanized or CPVC plastic piping.

### REORDERS:

Call 1-800-543-5975 or visit our website at [www.RhomarWater.com](http://www.RhomarWater.com).