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
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.

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.