

RhoGard™

Aluminum Safe Multi-Metal ANTIFREEZE

- Hydronic and Solar System Heat Transfer Fluid
- Freeze and Corrosion Protection
- Contains Multi-Metal Corrosion Inhibitors
- Protects Aluminum, Cast Iron, Copper and Steel
- Helps Keep Heat-Exchange Surfaces Clean
- Tested Against Leading Competitor Products and RhoGard Provided: **THE BEST CORROSION PROTECTION!**
- Helps Keep Efficiency High
- Burst Protection to -100° F
- Provides Years of Protection
- Environmentally Friendly
- Non-Hazardous



RhoGard™

DESCRIPTION:

RhoGard™ is an **Aluminum-Safe, Multi-Metal** virgin propylene glycol antifreeze and heat transfer fluid inhibited with multi-metal corrosion inhibitor additives.

ADVANTAGES:

RhoGard™ can be used in all types of hydronic heating, cooling, and solar systems. When used undiluted, **RhoGard™** will provide freeze protection to -60°F and burst protection to -100°F. The additives in **RhoGard™** 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. The recommended **RhoGard** dilution for solar systems is 80% **RhoGard** plus 20% distilled or D.I. water. Higher concentrations of **RhoGard** are also acceptable. The inhibitor additives in **RhoGard** can withstand temperatures to over 400°F (205°C). The glycol/water mixture may experience boiling at very high temperatures if the system is not pressurized. Drain-back systems may experience burning of the glycol left in the lines when temperatures exceed 370°F (188°C) or higher.

DIRECTIONS:

All systems, new and existing, should be thoroughly cleaned and flushed using Rhomar **Hydro-Solv™ 9100** cleaner prior to adding antifreeze. Properly cleaning the system will reduce the rate of corrosion and prolong the life of the antifreeze. Determine the total fluid capacity of the system. Calculate the percentage of **RhoGard™** needed based on the "**Freeze Protection Chart**" shown below.

NOTICE:

When adding less than 50% **RhoGard™** antifreeze to a system, additional inhibitor should be added to ensure adequate corrosion protection.

FREEZE PROTECTION CHART*

RhoGard™ %	Freeze Point	Fluid Flow	Burst Protection
100%	-60°F	-70°F	-100°F
75%	-25°F	-40°F	-70°F
60%	0°F	-15°F	-55°F
50%	+5°F	-10°F	-50°F
40%	+12°F	0°F	-10°F

*Freeze protection figures may vary slightly due to water chemistry. Flow and Burst figures are estimates that will be affected by system design & components.

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 Management for testing by using the "Water Test Request Form" at www.RhomarWater.com.

CAUTION:

Although classified as non-hazardous and non-toxic, **RhoGard™** does not contain food grade additives. Using **RhoGard™** in potable water heating systems may require a double-wall heat exchanger to comply with local regulations. See MSDS for more info. Propylene glycol is not suitable for CPVC plastic piping.

TECHNICAL SUPPORT / REORDERS:

Additional information and Distributor locations can be found at www.RhomarWater.com. For technical assistance call 800-543-5975.



DISTRIBUTED BY:



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