

**RhoGard™**  
CONCENTRATE  
**Ultra**

## Aluminum Safe Multi-Metal ANTIFREEZE

- Hydronic and Solar System Fluid
- Freeze and Corrosion Protection Fluid
- Concentrated: Propylene Glycol plus 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
- Environmentally Friendly
- Prevents Corrosion
- Non-Hazardous



# RhoGard™ Ultra CONCENTRATE

## DESCRIPTION:

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

## ADVANTAGES:

RhoGard™ Ultra can be used in all types of hydronic heating, cooling, and solar systems. RhoGard™ Ultra can provide freeze protection to -60°F and burst protection to -100°F. The additives in RhoGard™ Ultra 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. It is recommended that RhoGard Ultra be diluted no more than 50% with distilled or D.I. water when used in solar systems. Higher concentrations of RhoGard™ Ultra are also acceptable. The inhibitor additives in RhoGard™ Ultra 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™ Ultra needed based on the "Freeze Protection Chart" shown below.

## NOTICE:

When adding less than 35% RhoGard™ Ultra antifreeze to a system, additional corrosion inhibitor should be added to ensure adequate corrosion protection. Pro-Tek® 922 may be used for this purpose.

## FREEZE PROTECTION CHART\*

RhoGard™ Ultra %	Freeze Point	Fluid Flow	Burst Protection
70%	-60°F	-70°F	-100°F
60%	-40°F	-60°F	-90°F
50%	-18°F	-25°F	-60°F
40%	0°F	-10°F	-50°F
30%	11°F	2°F	-30°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](http://www.RhomarWater.com).

## CAUTION:

Although classified as non-hazardous and non-toxic, RhoGard™ Ultra does not contain food grade additives. Using RhoGard™ Ultra 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:

For technical assistance call 800-543-5975. Additional information and Distributor locations can be found at [www.RhomarWater.com](http://www.RhomarWater.com).



DISTRIBUTED BY:



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