ENCOMAFROST 100%

Propylene Glycol Heat Transfer Fluid

DESCRIPTION:

ENCOMAFROST 100% is a high-quality, non-toxic, heavy-duty heat transfer fluid, specifically blended for harsh climates. ENCOMAFROST 100% is made with virgin propylene glycol and premier PDT inhibitors to prevent corrosion.

KEY PROPERTIES:

- One product for all applications: safe for all systems, including aluminum and solar
- Doesn't just buffer: blended with true corrosion inhibitors
- Highest quality virgin glycol
- Temperature rated to 325°F
- Completely non-toxic
- Compatible with all types of glycol and inhibitors
- Improved viscosity at lower temperatures, compared to most other propylene glycol products
- Less thermal degradation compared to standard ethylene and propylene glycol
- Excellent freeze point depression for aqueous solutions
- Higher boiling point versus standard ethylene and propylene glycol
- Contributes to LEED points

TECHNICAL DATA:

Appearance	Pink Liquid
Odor	None
Solubility	Water-Soluble
Toxicity	Non-Toxic
pH	8.0
Temperature Range	-90°C to +160°C -130°F to +325°F

MATERIAL COMPATIBILITY:

At normal use concentrations, ENCOMAFROST 100% is safe on all metals including aluminum.

APPLICATION:

Dilute 60 parts ENCOMAFROST 100% to 40 parts water for -51°C rating. Can be diluted at different ratios for different temperature ratings.

RECOMMENDED USE:

ENCOMAFROST 100% can be used in a variety of heat applications where stability over a range of temperatures is important, including:

- Single fluid process heating and cooling
- Closed-loop, water-based HVAC systems
- Solar thermal systems
- Geothermal systems
- Heat recovery systems
- Drilling equipment
- Vapor recover systems
- Snow melt systems
- Natural gas well-head heaters
- Ice rinks
- Ice storage systems

SAFE HANDLING & STORAGE CONDITIONS:

Before handling, the Safety Data Sheet (SDS) should be read and understood by all personnel in contact with this product.

DISPOSAL:

Any disposal of this product should be in compliance with all federal, state, and local regulations. Please refer to the SDS for instruction regarding proper disposal.

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.
Please refer to the label and SDS for all warnings, recommendations for safety equipment, and other regulatory information. Copies of the SDS available upon request.

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