



DowFrost Clear

PRODUCT DESCRIPTION

DowFrost is an industrially inhibited propylene glycol-based heat transfer fluid. Aqueous solutions of DowFrost fluid are designed to provide freeze/burst and corrosion protection, as well as efficient heat transfer, in water-based, closed-loop heating and air-conditioning systems.

APPLICATIONS

DowFrost has fluid freeze protection to below -60°F, and system burst protection to below -100°F. The fluid contains corrosion inhibitors that are specially formulated for HVAC service to keep pipes free of corrosion without fouling. DowFrost is also suitable for ice storage systems used either in the closed circulation loop from the chiller to the storage medium; or, in solution with water, in the medium itself.

ADVANTAGES AND BENEFITS

- **PERFORMANCE** – This propylene glycol-based fluid offers excellent freeze/burst and corrosion protection.
- **VERSATILITY** – Specially formulated for HVAC service or for ice storage systems
- **ECONOMY** - reasonable price
- **BENEFITS** – DowFrost is low in toxicity and the FDA recognizes the fluid ingredients as safe food additives. Allowing DowFrost to be used in applications where incidental contact with drinking water is possible.

HVAC Systems Fluid Specification	Fluid Installation
1. The fluid must be industrially inhibited propylene glycol (phosphate-based). 2. Must be easily analyzed for glycol concentration and inhibitor level. 3. Must be easily reinhibited using readily available inhibitors. 4. The fluid must pass ASTM D1384 (less than 0.5 mils penetration per year for all system metals).	1. Clean new or lightly corroded existing systems with a 1% to 2% solution of trisodium phosphate in water prior to the installation of industrially inhibited Propylene glycol fluid. 2. Use only good quality water in solution. Water must have low levels (less than 25 ppm) of chloride and sulfate, and less than 50 ppm of hard water ions. Distilled or deionized water is recommended. 3. Avoid Use of automatic water make-up systems to prevent undetected dilution of the propylene glycol and possible contamination of the water system.

**** FOR INDUSTRIAL USE ONLY ****

⌘ Call your representative for more information about this and other fine products ⌘

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